DOCUMENT RESUME

ED 371 174 CE 066 644

AUTHOR	Bonham, Charlene, Ed.; Duckett, Jasmine, Ed.
TITLE	Datafusion: Resource for Identifying Labor Market and Demographics Data in Maryland.
INSTITUTION	Maryland State Occupational Information Coordinating Committee, Baltimore.
PUB DATE	Jan 94
NOTE	136p.
AVAILABLE FROM	Maryland Occupational Information Coordinating Council, 1100 North Eutaw Street, Room 205, Baltimore, MD 21201.
PUB TYPE	Guides - Non-Classroom Use (055)
EDRS PRICE	MF01/PC06 Plus Postage.
DESCRIPTORS	Career Information Systems; Community Organizations; Databases; Demand Occupations; Demography; *Economic Climate; *Educational Opportunities; Employment Projections; Employment Qualifications; Enrollment Projections; *Information Sources; Job Training; *Labor Market; *Occupational Information; *Population Trends; Postsecondary Education; Public Agencies; Public Schools; Resource Materials; Salary Wage Differentials; Secondary Education; State Agencies; Statewide Planning
IDENTIFIERS	*Maryland

ABSTRACT

This publication is designed to assist career program planners in collecting the data needed to plan career technology, adult learning, higher education, apprenticeship, and training programs for persons living in Maryland. Profiled in the publication are local, state, and federal agencies and programs capable of providing career program planners with information pertaining to population, public school enrollment, employment demand data, business/industry data, wage information, career paths, and educational paths. The following are among the agencies/programs listed: Maryland Office of Planning, Maryland State Department of Education, Maryland School Performance Program, Office of Labor Market Analysis and Information, Department of Economic and Employment Development, Baltimore Metropolitan Council, Maryland Occupational Information Coordinating Council, Maryland Higher Education Commission, Maryland Apprenticeship and Training Program, Job Opportunities and Basic Skills Training Program. Also included are sections on Job Training Partnership Act training programs, Maryland service delivery areas, and a directory of local education agency supervisors of guidance. Where appropriate, descriptions of available information services/products are supplemented with price information and the name/address of a contact person/department. Appended is a list of labor market resources for counselors published by the federal government. (MN)

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DATAFUSION
Resource for Identifying
Labor Market and Demographics Data in Maryland

This report was jointly prepared by:

Maryland State Department of Education
Maryland Department of Economic and Employment Development
Maryland Higher Education Commission
Baltimore Metropolitan Council
Baltimore County Tech Prep Consortium

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January 1994

This resource document is the result of a special collaborative project. It may be updated as needed.

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DATAFUSION
Resource for Identifying
Labor Market and Demographic Data in Maryland

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INTRODUCTION

Through successful interagency collaboration, the Maryland Occupational Information Coordinating Council (MOICC) develops and maintains quality products and services. These products and services help meet the career and occupational information needs of local schools, two and four-year colleges, counseling agencies, employment and training offices, applied technology centers, technical colleges and other post-secondary institutions. The common bond that links these organizations is the desire to supply all customers -- student and adult learners, agency planners, and service providers -- with the best information available to aid the career decision-making and program planning process.

This publication: "DataFusion Resource for Identifying Labor Market and Demographic Data in Maryland", is the first publication of its kind in the state of Maryland. It is carefully designed to assist career program planners in the collection of the data needed to plan career technology, adult learning, higher education, apprenticeship and training programs. This publication provides resource information on *population, public school enrollment, employment demand data, business/industry data, wage information, career paths, and educational paths*.

This publication will be revised as necessary.

For further information or additional copies, please contact:

Maryland Occupational Information Coordinating Council
1100 North Eutaw Street
Room 205
Baltimore, MD 21201
(410) 333-5478
(410) 333-5390 (FAX)

USE OF THE "DATAFUSION" WORKSHEET

This "Datafusion" Resource book is organized by the seven major data components identified by the participants in the "Datafusion" Project as the major components of a labor market analysis for educational program development. The components are POPULATION DATA, PUBLIC SCHOOL ENROLLMENT, EMPLOYMENT DEMAND DATA, BUSINESS/INDUSTRY DATA, WAGE INFORMATION, CAREER PATHS, AND EDUCATIONAL PATHS.

The worksheet on the following page was designed to assist the program planner in compiling and analyzing pertinent data and information from the seven components.

The seven components, on the left side of the chart, form a comprehensive view of labor market supply and demand from an educational planning perspective. The current and future status of the labor market, as identified through employment demand data, is enhanced through the analysis of population patterns, school enrollments, and wage data. Specified student educational needs are addressed through the overlaying of career preparation of career and educational paths information on the supply and demand data.

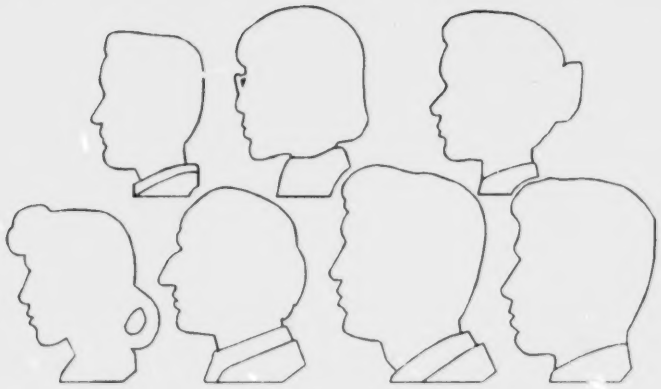
The analysis elements, across the top of the chart, were identified as the questions to be asked and analyses to be performed on each of the data components. Data collection and analyses can be performed for individual Tech Prep programs or for occupational clusters using the "DataFusion" Worksheet.

"DATAFUSION" - CONSOLIDATING & ANALYZING
LABOR MARKET DATA
WORKSHEET

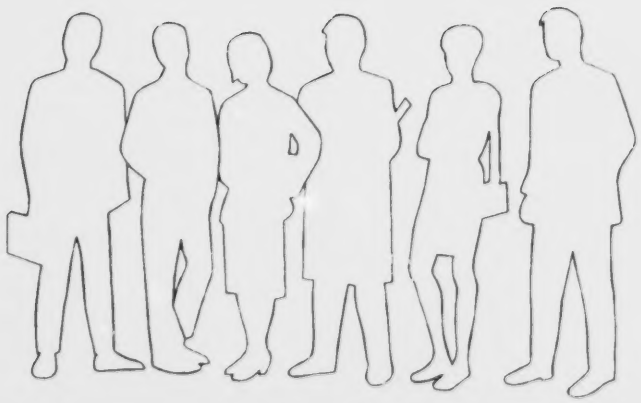
Tech Prep Cluster Area:_____ Program Title:_____
CIP#:_____

	WHAT DATA DO I NEED?	SOURCE OF DATA	OFFICE TO CONTACT	ANALYSIS OF TRENDS	FUTURE NEEDS
POPULATION DATA					
SCHOOL ENROLLMENT					
EMPLOYMENT DEMAND DATA					
BUSINESS/INDUSTRY DATA					
WAGE INFORMATION					
CAREER PATHS					
EDUCATIONAL PATHS					

POPULATION DATA



POPULATION DATA



POPULATION DATA

Outline

Maryland Office of Planning - Guide to Products and Services

Dissemination Media
- Printed Reports
- Computer Tape
- Diskettes for Micro-Computers
- On-Line Information System
- Microfiche
- Thematic Mapping
- Geographic Area Presentation

1990 CENSUS DATA PRODUCTS
GENERAL PURPOSE PLANNING DATA PRODUCTS
- Population and Housing Characteristics
- 1990 Census STF 1A

PRINTED CENSUS REPORTS
- One-Page Profile
- Eight-Page Profile
- User-Defined Area Profiles
- 1990-1980 Comparison Report
- 1990-1980 and 1970 Comparison
- 1990 Census STF 1A Diskette Files
- 1990 Census STF 1A Diskette Files
- 1990, 1980 and 1970 Census Comparison Files

1990 CENSUS DATA PRODUCTS
SOCIAL AND ECONOMIC PLANNING DATA PRODUCTS
- Social and Economic Characteristics
- 1990 Census STF

PRINTED SOCIAL AND ECONOMIC REPORTS
- Six-Page Profile
- Twenty-Nine Page Profile
- (Social and Economic Characteristics of Population and Housing, 1980 and 1990)

1990 CENSUS STF 3A DISKETTE FILES
- Six-Page Profile
- 1990 and 1980 Census Comparison Files
- 1990 and 1980 Census Comparison Files
- 1990, 1980 and 1970 Census Comparison Files
- 1990, 1980 and 1970 CENSUS COMPARISON DISKETTE FILES

1990 CENSUS DATA PRODUCTS

SPECIAL PURPOSE PLANNING DATA PRODUCTS

- User-Defined Area Profiles
- Equal Employment Opportunity (EEO) Special File
- Public Use Micro Data Sample (PUMS) Files
- County-to-County Commutation
- 1990 Minor Civil Division (MCD) Map Series
- 1990 Census Tract/BNA Map Series
- 1990 Block Group Map Series
- 1990 P.O. 94-171 County Block Map Series
- 1990 Voting District Map Series

DEVELOPMENT MONITORING DATA PRODUCTS

- Development Monitoring

POPULATION PROJECTIONS

- Population Projections

PRINTED POPULATION PROJECTIONS REPORTS

- Summary Reports
  - Total Population Projection Report
  - Household Population Projection Report
  - Total Households Projection Report
- Detailed Reports
  - Report 1 - Summary Report and Components of Population Change
  - Report 2 - (A, B, and C) Population Projections by Age, Sex and Race
  - Report 3 (A, B, and C) Household Population Projections by Age, Sex and Race
  - Report 4 (A, B, and C) Group Quarters Population Projections by Age, Sex and Race

POPULATION PROJECTIONS DISKETTE FILES

- Population Projections
- Summary Projection Report
- Report 1 - Summary Report and Components of Population Change
- Report 2 - Population Projections by Age, Race and Sex
- Report 3 - Household Population Projections by Age, Race and Sex
- Report 4 - Group Quarters Projections by Age, Race and Sex

MIGRATION

- Migration Flow Trends

CUSTOMER SERVICES - PLANNING DATA SERVICES (PDS)

- Request for Consultation Services

DIRECTORY - MARYLAND OFFICE OF PLANNING

Program Components
Office of Planning
University of Maryland
State Library Resource Center
Department of Economic and Employment Development
Maryland Office of Planning Locations
Affiliate State Data Centers
State Depository Libraries
Federal Depository Libraries
Small Business Development Centers

MARYLAND OFFICE OF PLANNING
Planning Data Services
301 West Preston Street
Baltimore, MD 21201-2365
(410) 225-4450

GUIDE TO PRODUCTS AND SERVICES

This report describes the Maryland Office of Planning's Planning Data Services' (PDSs) data products and services available to local governments, state agencies and other data users.

It reveals the sources of our planning information and the array of media on which we make products available. It explains how data users may obtain our reports on such fundamental economic and social factors as: **Population; Employment; Labor Force; Land Use/Land Cover; Housing;** and **School Enrollment.** It also describes the special records we use to monitor development. These records are based on such files as building permits, land parcels, and migration, and are also available to data users.

Many products are related to U.S. Bureau of the Census data, or data from other federal and state agencies. We use these statistical resources to create the statewide planning database essential for planning projects and research endeavors.

Our three functional components; **Research and State Data Center Program, Geographic Information Systems,** and **Systems Support,** integrate data collection and analysis with user-specified requirements. Services we provide include:

1. **Data Collection and Dissemination**
2. **Demographic, Economic, Land Use and Social Analysis**
3. **Technical Assistance to Data Users**
4. **Thematic Mapping**

For data users requiring additional information on products described inside, we publish **Product Announcements. Product Announcements** are a comprehensive technical description of individual data products and services. For additional information on Planning Data Services' products, contact us at (410) 225-4450.

DISSEMINATION MEDIA

Planning Data Services' data products are disseminated on several media. These include the traditional means of printed reports, and technically advanced means such as diskettes and on-line information systems.

Printed Census Reports

The printed report is the major medium of data presentation PDS uses. Our publications are widely available in most public libraries and represent an easy to use source of data. Printed reports provide basic data for many geographic areas, particularly at the state, county and place level.

Computer Tape

We make tape copies for data users requiring census summary tapes. Data users interested in other files available on computer tape should call us at (410) 225-4450.

Diskettes for Micro-Computers

Micro-computer diskettes are used by a large segment of the data user community. This is due to the relatively high storage capacity compared to size. PDS uses diskettes as the primary means of disseminating data for small sub-county geographic areas. We release data files formatted in Lotus 1-2-3, or Quattro Pro spreadsheet software, and dBase database management software.

State and county level printed reports may also have diskette versions available showing data for small geographic areas.

Specified products are only available on diskette.

On-Line Information System

The Office of Planning invites the planning community to link up to our on-line electronic bulletin board service. The role of the on-line system is two-fold. First, it provides up-to-date information about new products, planning issues and data release dates. Second, it carries summary tables for frequently requested information.

Data users interested in more information on electronically transmitted data products should request a **Maryland Office of Planning's State Data Center Bulletin Board Product Announcement.**

Microfiche

We maintain microfiche of selected 1980 Census data files released by the Census Bureau and other federal agencies. We have also prepared microfiche of small area data previously available only on computer printouts. Although most small area data transmission is conducted via diskette, many historic databases for small areas are only available on microfiche.

Facilities for preparing paper photocopies of microfiche (blowbacks), are available. Requests for small quantities of blowbacks are easily accommodated.

Thematic Mapping

Planners and other data users find it advantageous to display information on a map. Mapped data quickly identifies characteristics about an area, summarizes the results, and displays opportunities and potential conflicts.

We have developed a series of databases and corresponding computer mapping boundary files for thematic mapping. Maps displaying census and land use information for various applications, are customized media disseminated by PDS.

We provide consulting services to persons and organizations requiring customized maps. Data users interested in data graphically displayed on maps should contact PDS.

Geographic Area Presentation

Planning Data Services' products are organized and presented for the same geographic areas as the 1990 Census tabulation areas:

- State
- Counties (24) - includes Baltimore City
- Minor Civil Divisions (298)
- Incorporated and Census Designated Places (329)
- ZIP Codes (422)
- Census Tracts and Block Numbering Areas (1,151)
- Voting Districts and Precincts (1,606)
- Transportation Analysis Zones (2,388 - excludes Allegany, Caroline, Dorchester, Garrett, Kent, Somerset, Talbot, Wicomico and Worcester)
- Block Groups (3,670)
- Blocks (73,780).

1990 CENSUS DATA PRODUCTS

GENERAL PURPOSE PLANNING DATA PRODUCTS

General purpose data products are products designed to meet the needs of the majority of data users. These products include pre-defined sets of data by geographic areas, and are available on media accessible to most users.

Population and Housing Characteristics of the residents of the State of Maryland are available from the U.S. Bureau of the Census' Summary Tape File 1A (STF 1A). This file contains information asked of all households.

Population items include:

- Age
- Race
- Sex
- Marital Status
- Hispanic Origin
- Household Type
- Household Relationship

Housing items include:

- Occupancy
- Tenure
- Units in Structure
- Contract Rent
- Meals Included in Rent
- Value
- Rooms
- Vacancy Status

For additional information on General Purpose Planning Data Products, users should request the **1990 Census Summary Tape File (STF) 1A Product Announcement.**

1990 Census STF 1A printed reports are available for the following geographic areas, or specified:

- State
- Counties
- Minor Civil Divisions
- Incorporated and Census Designated Places
- Census Tracts and Block Numbering Areas

PRINTED 1990 CENSUS REPORTS

One-Page Profile

(Price - $.25 per page/geographic area; discount applied to uniform sets)

This is a one-page summary of population and housing characteristics. The data items on this summary include total population, age, sex, households, race, tenure, contract rent of specified renter-occupied housing units, and value of specified owner-occupied housing units.

Eight-Page Profile

(Price - $1.00 per geographic area; $.25 per page; discount applied to uniform sets)

This is an eight-page summary of population and housing characteristics. The summary presents 37 population tables and 63 housing tables grouped by subject. Added analytic data such as percentages and averages enhance the data's usefulness.

User-Defined Area Profile
Cost determined on an individual basis

The User-Defined Area Profile is a one-page population and housing summary report. The profile is custom-made for any group of 1990 Census blocks that form a user-defined study area. This may be a neighborhood, a development district, or a market area.

1990-1980 Comparison Report

(1990 and 1980 Population and Housing Characteristics for State, Counties and Baltimore City Price - $5.00)

This is a 50-page report comparing population and housing characteristics from the 1990 and 1980 Censuses. Data represented for the State, each of the 23 counties and Baltimore City. There is a two-page summary for each jurisdiction.

1990-1980 and 1970 Comparison Report

(1990, 1980 and 1970 Population and Housing Characteristics for State, Counties and Baltimore City Price - $8.00)

This is a 125-page report comparing population and housing characteristics from the three most recent censuses. Data are presented for the State, each of the 23 counties and Baltimore City. There is a three-page summary presented for each jurisdiction.

1990 Census STF 1A Diskette Files

1990 Census STF 1A files are available in Lotus 1-2-3 spreadsheet format. (Cost based on geographic areas requested; Census Tracts/Block Numbering Areas (BNAs) - Price $25.00; Minor Civil Divisions (MCDs), Places - Price $10.00)

The fifteen standard 1990 Census STF 1A diskette files listed below are available for the following geographic areas:

- Incorporated and Census Designated Places
- Minor Civil Divisions (MCDs) and
- Census Tracts and Block Numbering Areas (BNAs)

1990 CENSUS STF 1A DISKETTE FILES

- Specified Owner-Occupied Housing Units by Race of Householder
- Specified Renter-Occupied Housing Units Paying Cash Rent by Race of Householder
- Value Ranges of Specified Owner-Occupied Housing Units
- Values Ranges of Specified Renter-Occupied Housing Units with Cash Rent
- Mean Value of Specified Owner-Occupied Housing Units
- Mean Rent of Specified Renter-Occupied Housing Units by Selected Race of Householder
- Total Persons by Age Characteristics
- White Persons by Age Characteristics
- Black Persons by Age Characteristics
- Characteristics of the Population, Race, Sex and Families
- Sex by Martial Status
- Household Type and Relationship
- Persons in Group Quarters
- Detailed Race
- Relationship and Age of Persons under 18 Years

1990, 1980 and 1970 Census Comparison Files are also available in Lotus 1-2-3 spreadsheet format.

(Cost based on geographic areas requested; Census Tract Equivalent Areas - Price $25.00; MCDs or Places - Price $10.00)

The thirteen standard 1990, 1980 and 1970 Census comparison diskette files listed on the following page are available for the following areas:

- Incorporated Places
- Minor Civil Divisions
- Census Tract Equivalent Areas

1990, 1980 AND 1970 CENSUS COMPARISON DISKETTE FILES

- Characteristics of the Population
- Population of Race and Sex
- Population by Age
- Group Quarters Population by Age and Status
- Females by Marital Status
- Males by Marital Status
- Persons in Housing Units and Occupied Housing Unit by Tenure
- Housing Units and Occupancy Status
- Household Type
- Occupied Housing Units by Tenure and Race
- Owner and Renter-Occupied Units with 1.01 and 1.51 More Persons per Room
- Contract Rent
- Persons Under 18 Years by Household Type and Relationship

We also create customized spreadsheet files based on user requirements.

1990 CENSUS DATA PRODUCTS

SOCIAL AND ECONOMIC PLANNING DATA PRODUCTS

Social and economic planning data products are products designed for data users requiring information on specific subjects. These products include pre-defined sets of data and geographic areas. The products are available on media accessible to most users.

Social and Economic Characteristics of Maryland residents are available from the U.S. Bureau of the Census' Summary Tape File 3A (STF 3A). The 1990 Census STF 3A is composed of 190 population tables and 92 housing tables presenting over 3,000 data items. The file contains information asked of a sample of all households. Subjects presented include:

Education	Means of Transportation to Work
Labor Force Status	Tenure
Journey to Work	Bedrooms
Income	Year Structure Built
Poverty Status	Year Householder Moved into Unit
Disability	House Heating Fuel
Ancestry	Source of Water
Occupation	Sewage Disposal
Employment Status	Plumbing Facilities

For additional information on social and economic products users should request the **1990 Census Summary Tape File 3A Product Announcement**.

1990 Census STF printed reports are available for the following geographic areas, or as specified:

State
Counties
Incorporated and Census Designated Places

PRINTED SOCIAL AND ECONOMIC REPORTS

Six-Page Profile

(Price - $2.00 per geographic area)

This is a six-page summary of selected social and economic characteristics from STF 3A. The characteristics are grouped according to selected subjects on each page: presented area, commuting, labor force, social characteristics, income, poverty status and selected housing characteristics.

Twenty-Nine Page Profile

(Price - $8.00 per geographic area)

This is a 29-page summary of all social and economic characteristics from STF 3A. Each summary presents over 3,000 data items for each geographic area. Summaries are available for the State, counties, and places with a population of 5,000 or more.

1990-1980 Comparison Report

(SOCIAL AND ECONOMIC CHARACTERISTICS OF POPULATION AND HOUSING, 1980 AND 1990 Price - $35.00)

This is a 200-page report comparing data items from the 1990 and 1980 Censuses. Data are presented for the State, each of the 23 counties and Baltimore City. It contains an eight-page summary for each jurisdiction and includes an analysis of trends and a list of concepts and definitions.

1990 Census STF 3A files are available in Lotus 1-2-3 spreadsheet format on diskette.

Files are available for the following geographic area, or as specified:

State
Counties
Places
Census Tract and Block Numbering Areas (may be ordered for the counties of interest)

1990 CENSUS STF 3A DISKETTE FILES

Six-Page Profile

(Cost based on geographic areas requested; All Profiles, all tracts/BNAs - $600)

This is a six-file summary of selected social and economic characteristics from the 1990 Census STF 3A. The files are grouped according to subject content. Subjects include: commuting, labor force, social characteristics, income, poverty status; and selected housing characteristics.

Files are available for individual profile pages or for the entire set of six.

1990 and 1980 Census Comparison Files

Total cost is based on the order. Single jurisdiction price (all pages) - $5.00

The Social and Economic Characteristics of Population and Housing, 1980 and 1990 report is available as a series of spreadsheet files. Files may be ordered for individual jurisdiction for all eight-files, individual files, or a complete set of all jurisdiction and all files.

1990 and 1980 Census Comparison Files
(Price - $25.00 each)

The nine 1990 and 1980 Census comparison diskette files below are available for the following areas:

Minor Civil Divisions and
Census Tract Equivalent Areas

1990 AND 1980 CENSUS COMPARISON DISKETTE FILES

- Race, Sex and Age of the Population
- Voting Age and Education Characteristics
- Household Type Characteristics
- Family Income Characteristics
- Household Income Characteristics
- Household Income Distribution
- Elderly Population Characteristics
- Labor Force Status and Class of Worker
- Employment in Industry

1990, 1980 and 1970 Census Comparison Files
(Price - $25.00 each)

The eighteen 1990, 1980 and 1970 Census comparison diskette files listed below are available for the following areas:

Minor Civil Divisions and
Census Tract Equivalent Areas

1990, 1980 AND 1970 CENSUS COMPARISON DISKETTE FILES

- Urban and Rural; Native and Foreign-Born
- Persons in Households
- Families by Race and Presence of Own Children
- Female-headed Families by Race and Presence of Own Children
- Place of Residence Five Years Previously
- Years of School Completed
- Labor Force Status of Males
- Labor Force Status of Females
- Civilian Labor Force by Race
- Male Labor Force Status by Race
- Female Labor Force Status by Race
- Employment in Industry (1 of 2)
- Employment in Industry (2 of 2)
- Families by Present of Children and Poverty Status
- Housing Units by Units in Structure
- Source of Water and Sewage Disposal
- House Heating Fuel
- Vehicle and Telephone Availability

1990 CENSUS DATA PRODUCTS

SPECIAL PURPOSE PLANNING DATA PRODUCTS

Special purpose planning data products designed to meet specific needs of data users. These products are tabulated for pre-defined or user-defined geographic areas and for selected or user-defined subjects.

User-Defined Area Profiles
(Cost determined on an individual basis)

The User-Defined Area Profile is a standardized four-page demographic, economic, social and economic summary report. The profile is custom-made for a user-defined study area, such as a neighborhood, a development district, or a market area.

For additional information, users should contact Planning Data Services.

Equal Employment Opportunity (EEO) Special File
(Price varies according to format - State report - $40.00)

This 1990 Census computer tape file provides sample census data to support affirmative action planning for equal employment opportunity. The file contains tabulations showing detailed occupations and educational attainment data by age. The data are cross-tabulated by sex, Hispanic origin and race.

Data are provided for all counties, and places of 50,000 or more inhabitants (Baltimore City, Bethesda, Columbia, Dundalk, Silver Spring and Wheaton).

Data products based on the EEO special file are available as paper reports or in a spreadsheet on flexible diskette. For additional information, users should request the **1990 Census Equal Employment Opportunity File (EEO) Product Announcement.**

Public Use Microdata Sample (PUMS) Files
(Cost determined by User requirements)

These 1990 Census computerized files contain data from samples of individual long-form housing unit records (microdata). The records are not summarized, and therefore the characteristics of persons as well as housing units, may be mixed and combined at the discretion of the user.

The PUMS files allow users to create much more detailed cross-tabulations of the information collected in the census than shown on the published tables or Summary Tape Files (STFs).

All identifying information is removed from each household's record and the minimum population size of any geographic area is at least 100,000 persons to prevent disclosure of information on individuals and prevent any invasions of personal privacy.

For additional information, users should request the **1990 Census Public Use Microdata Samples Product Announcement.**

County-to-County Commutation

This 1990 Census computer tape file contains county level summary statistics for all intra-state county-to-county commuter flows and significant inter-state commuter flows. Workers are tabulated by county of residence and by county of work.

Data products based on the County-to-County Commutation file are available as paper reports or in a spreadsheet on diskette.

For additional information, users should contact Planning Data Services.

1990 CENSUS MAPS

Office of Planning 1990 Census Maps and U.S. Bureau of the Census maps may be purchased from:

Reprographic Technologies, Inc.
520 Forrest Street
Baltimore, MD 21202
(410) 727-1280

Each map sheet is 36" x 48" in size. The cost per map sheet is $2.40 plus shipping. There is a minimum order of $6.00.

Census Bureau maps may also be obtained from:

U.S. Bureau of the Census
Customer Services Division
Washington, D.C. 20233
(301) 763-4100

These map sheets are generated individually using an electrostatic plotter. Map sheets cost $5.00 each. The minimum order is $10.00.

Data users requiring maps should request the **1990 Census Map Product Announcement** for more information.

1990 Minor Civil Division (MCD) Map Series

This Office of Planning map series displays 1990 Census MCD boundary outlines for counties. A single map sheet displays individual counties. Baltimore City is considered a small MCD and is not mapped. Maps are 1:100,000 scale.

1990 Census Tract/BNA Map Series

This Office of Planning map series displays the 1990 Census tract/BNA boundary outlines for political subdivisions. A single map sheet displays individual political subdivisions.

Maps are scaled 1:100,000 except Baltimore City which is scaled at 1:30,000.

1990 Block Group Map Series
Available Direct from Planning Data Services

This Office of Planning map series displays 1990 Census block group boundary outlines for political subdivisions.

Maps are scaled 1:100,000 except Baltimore city which is scaled at 1:30,000.

1990 County Block Map Series

This Bureau of the Census map series shows 1990 Census block boundaries for political subdivisions. All political subdivisions require multiple map sheets for complete coverage.

Each County Block Map set includes an index map sheet that identifies and locates the map sheets comprising the county set. The maps display features (e.g., streets, rivers or railroad tracts), and feature names. Also displayed are boundaries, names, and/or codes for all MCDs, places, census tracts, BNAs and census blocks.

The scale and number of sheets are determined by the jurisdictions' area, shape and the density of the block pattern; larger-scale inset maps provide detail for densely settled areas.

1990 P.O. 94-171 County Block Map Series

This Bureau of the Census map series shows boundaries of voting districts, precincts, MCDs, census tracts, BNAs and block for counties. Users should obtain the P.O. 94-171 county block maps if using 1990 Census P.L. 94-171 data.

Each county block map set includes an index map sheet that identifies and locates the map sheets comprising the county set.

1990 Voting District Map Series

This Bureau of the Census county-based map series shows voting district precinct boundaries. The maps also show the features and feature names underlying the voting district boundaries, and the boundaries and names of the counties, minor civil divisions and places. Map scales vary to minimize the number of sheets. Larger-scale inset maps provide details for densely settled areas.

DEVELOPMENT MONITORING DATA PRODUCTS

The Office of Planning supports and updates a comprehensive database that monitors population growth. State agencies, local governments and other data users use products based on these data for planning development.

Our database contains several historical data series that provide information on growth and development. These series include:

- Population Projections
- Employment and Personal Income
- County Business Patterns
- Public School Enrollment
- New Construction
- Parcel Data
- Migration

Development Monitoring printed reports present data at the State and county level unless otherwise specified.

For additional information, user should contact Planning Data Services.

POPULATION PROJECTIONS

Population Projections
Interim December, 1992

- Populations are projected for five-year intervals from 1990 to 2020, unless otherwise specified

- Projections by race show Total Population (A), White Population (B), and Non-White Population (C)

For more information users should request the **Population Projections for Maryland Jurisdiction Product Announcement.**

PRINTED POPULATION PROJECTIONS REPORTS

The price for a complete set of printed reports is $35.00. Printed population projection reports are available as summary reports or detailed reports. Three summary reports show projections for areas as a whole (i.e., county totals). Four detailed reports show projections of population components (e.g. age, race or sex), for areas as a whole.

Summary Reports - Price $1.00 for All Three!

Total Population Projection Report. This report presents projections of the total population for the State, Counties and Baltimore City (political subdivisions). This report also shows 1980 and 1970 Census counts of total population.

Household Population Projection Report. This report presents projections of the household population for the State and political subdivisions. This report also shows 1980 and 1970 Census counts of household population.

Total Households Projection Report. This report presents projections of households for the State and political subdivisions. This report also shows 1980 and 1970 Census counts of households.

Detailed Reports - Price $5.00 Each!

Report 1 - Summary Report and Components of Population Change - Price $5.00. This report presents total population projections by sex and race. Population groups projected include household and group quarters populations. Components of population change projected include:

Births
Deaths
Net Household Migration and
Net Change in Group Quarters Population

Report 2 (A, B and C) Population Projections by Age, Sex and Race - Price $5.00 each. This report presents population projections tabulated by sex at five-year age cohorts to 85 years old and over.

Report 2A presents data for the total population, Report 2B presents data for the white population, and Report 2C presents data for the non-white population.

Report 3 (A, B and C) Household Population Projections by Age, Sex and Race - Price $5.00 each. This report presents household population projections tabulated by sex at five-year age cohorts to 85 years old and over.

Report 3A presents data for the total household population, Report 3B presents data for the white household population, and Report 3C presents data for the non-white household population.

Report 4 (A, B and C) Group Quarters Population Projections by Age, Sex and Race - Price $5.00 each. This report presents group quarters population projections tabulated by sex at five-year age cohorts to 85 years old and over.

Report 4A presents data for the total group quarters population, Report 4B presents data for the white group quarters population, and Report 4C presents data for the non-white group quarters population.

POPULATION PROJECTIONS DISKETTE FILES

Population Projections are available in Lotus 1-2-3 spreadsheet format on diskette. The diskette files are comparable to the reports that appear in print. The price for a complete set of population projections on diskette is $50.00.

Summary Projection Reports
Total Population and Household Population (Price - $5.00)

Report 1 - Summary Report and Components of Population Change
(Price - $10.00)

Report 2 - Population Projections by Age, Race and Sex
Reports 2A, 2B and 2C (Price - $20.00)

Report 3 - Household Population Projections by Age, Race and Sex
Reports 3A, 3B and 3C (Price - $20.00)

Report 4 - Group Quarters Population Projections by Age, Race and Sex
Reports 4A, 4B and 4C (Price - $20.00)

MIGRATION

Migration Flow Trends
(Photocopy Charges Apply, Contact PDS)

This data series is available to users as unpublished documentation of migration flows. The data are tabulated to analyze area-to-area migration for the State and political subdivisions. Statistical tables display in-migrants, out-migrants and net-migrants between Maryland an all other states.

The migration data series is created from two sources, data from the decennial census of population, and the U.S. Department of the Treasury's Internal Revenue Service (IRS).

Current periods of analysis available are:

1. 1980-1985
2. 1985-1990
3. 1989-1990

Also available are detailed county-to-county migration flows according to the origin of in-migrants, the destination of out-migrants and the major areas that contributed to a county's net-migration for these periods.

CUSTOMER SERVICES

PLANNING DATA SERVICES (PDS)

PDS provides many services at no charge. We answer telephone requests for information, and assist data users who visit our office. We also provide up to nine document photocopies free!

Request for Consultation Services - We provide consultation services regarding the use of census and other data products. These services are available to all public agencies on a cost reimbursable basis for periods of time exceeding one-hour. There is no charge if an hour or less of staff time is involved.

Requests for consultation from other-than-public entities is evaluated on a case-by-case basis. Associated data processing charges for work done in connection with **Consultation Services** is on a cost reimbursable basis as explained under **Requests for Special Tabulations.**

MARYLAND OFFICE OF PLANNING
MARYLAND STATE DATA CENTER PROGRAM

The Office of Planning coordinates the Maryland State Data Center program. This program improves access to federal statistical resources through an agreement between the State of Maryland and the U.S. Census Bureau.

Program services are provided through a coordinating arrangement we share with the University of Maryland, the State Library Resource Center, and the Maryland Department of Economic and Employment Development.

PROGRAM COMPONENTS

The Office of Planning:

- Supports major State, federal and local planning data and statistical resources
- Conducts data user training
- Provides consultation, and data analysis and processing services
- Responds to information requests
- Publishes **DATABASE**, the Maryland State Data Center newsletter. It contains information about new data products and user services.

If you want to receive DATABASE, contact the State Data Center.

Maryland Office of Planning
State Data Center
301 W. Preston Street
Baltimore, MD 21201-2365
(410) 225-4450

University of Maryland:

- Services requests for machine readable data
- Conducts computer-based data retrieval training

Computer Science Center
University of Maryland
College Park, MD 20742
(301) 405-3037

State Library Resource Center:

- Provides public inquiry and referral services
- Coordinates operations of library Affiliate State Data Centers

State Library Resource Center
Enoch Pratt Free Library
400 Cathedral Street
Baltimore, MD 21201
(410) 396-1789

Department of Economic and Employment Development:

- Provides information to small businesses throughout the State.
- Coordinates the data requirements for regional Small Business Development Centers

Small Business Development Center
217 East Redwood Street, 10th Floor
Baltimore, MD 21202
(410) 333-6995

Local and regional planning organizations, and libraries serve as Affiliate State Data Centers. These organizations enhance State Data Center services by providing basic information services and supporting a census reference collection. Several regional planning agencies provide printouts from computer tape.

Maryland Depository Libraries also support census reference materials.

MARYLAND OFFICE OF PLANNING LOCATIONS

Main Office:

Maryland Office of Planning
301 West Preston Street, Suite 1100
Baltimore, MD 21201
(410) 225-4450

Annapolis:

Goldstein Treasury Building
80 Calvert Street, Suites 409 & 411
Annapolis, MD 21401
(410) 974-2228

Upper Shore Regional Office:

Upper Eastern Shore Regional Office
120 Broadway
Centreville, MD 21617
(410) 758-5080

Lower Shore Regional Office

Office of Planning
Lower Eastern Shore Regional Office
Salisbury Multi-Service Center
201 Baptist Street
Salisbury, MD 21803
(410) 543-6902 or 6904

Southern Maryland Regional Office

Office of Planning
Southern Maryland Regional Office
Charlotte Hall Shopping Center
P.O. Box 1634
Maryland Ret. 5
Charlotte, MD 20622
(301) 870-2520

AFFILIATE STATE DATA CENTERS

Office of Planning
111 South George Street
Cumberland, MD 21402
(301) 777-2158

The Maryland-National Capital Park and Planning Commission
Montgomery Regional Office
8787 Georgia Avenue
Silver Spring, MD 20910-3760
(301) 495-4642

Prince George's Regional Office
14741 Governor Oden Bowie Drive
Upper Malboro, MD 20772
(301) 962-3660

Baltimore Metropolitan Council
601 North Howard Street
Baltimore, MD 21201
(410) 333-4881

Tri-County Council for Southern Maryland
P.O. Box 1634
Charlotte Hall, MD 20622
(301) 870-2520

Tri-County Council for Western Maryland, Inc.
111 South George Street
Cumberland, MD 21502
(301) 777-2158

Wilmington Metropolitan Area
Planning Coordinating Council
Stockton Building, Suite 101
University Office Plaza
Newark, DE 19702
(302) 737-6205

Frederick County Planning Commission
Winchester Hall
12 East Church Street
Frederick, MD 21701
(301) 694-1142

STATE DEPOSITORY LIBRARIES

Anne Arundel County Public Library System
Reference and Inter-Library Loan
1410 West Street
Annapolis, MD 21401
(410) 222-1750

Baltimore County Public Library System
Reference and Inter-Library Loan
320 York Road
Towson, MD 21204
(410) 887-6141

Caroline County Public Library
100 Market Street
Denton, MD 21629
(410) 479-1343

Cecil County Library
301 Newark Avenue
Elkton, MD 21921
(410) 996-5600

Frederick County Public Libraries
110 East Patrick Street
Frederick, MD 21701
(301) 694-1628

Howard County Library
10375 Little Patuxent Parkway
Columbia, MD 21044-3499
(410) 313-7800

Kent County Public Library
408 High Street
Chestertown, MD 21620
(410) 778-3636

Montgomery County Department of
Public Libraries
99 Maryland Avenue
Rockville, MD 20850
(301) 217-3878

Prince George's County Memorial
Library Public Services
6532 Adelphi Road
Hyattsville, MD 20782
(301) 699-3500 x312

Washington County Free Library
Government Reference Service
100 South Potomac Street
Hagerstown, MD 21740
(301) 739-3250

Wicomico County Free Library
Publication Services
P.O. Box 4148
Salisbury, MD 21803
(410) 749-3612

Southern Maryland Regional Library Association
P.O. Box 459
Charlotte Hall, MD 20622
(301) 934-9442

FEDERAL DEPOSITORY LIBRARIES

United States Naval Academy
Nimitz Library
Annapolis, MD 21402
(410) 267-2232

Johns Hopkins University
Government Publications/Maps Law Library
Charles and 34th Streets
Baltimore, MD 21218
(410) 516-8360

Maryland State Law Library
361 Rowe Boulevard
Annapolis, MD 21401
(410) 974-3395

Morgan State University
Soper Library
Hillen Road and Coldspring Lane
Baltimore, MD 21239
(410) 319-3642

University of Baltimore
Langsdale Library
1420 Maryland Avenue
Baltimore, MD 21201
(410) 625-3133

University of Maryland Balto. County
Library
5401 Wilkens Avenue
Catonsville, MD 21228
(410) 455-2358

University of Maryland at Baltimore
School of Law Library
20 North Paca Street
Baltimore, MD 21201
(410) 328-3278

University of Maryland College Park
McKeldin Library
Government Documents/Map Unit
College Park, MD 20742
(301) 405-9165

Allegany Community College Library
Willowbrook Road
Cumberland, MD
(301) 724-7700

Frostburg State University
Louis J. Ort Library
Frostburg, MD 21532-1099
(301) 689-4424

Harford Community College Library
401 Thomas Run Road
Bel Air, MD 21015
(410) 836-4147

Goucher College
Julia Rogers Library
Dulaney Valley Road
Towson, MD 21204
(410) 337-6366

Salisbury State University
Blackwell Library
Camden and College Avenue
Salisbury, MD 21801
(410) 543-6130

Towson State University
Cook Library
Towsontowne Boulevard and Osler Drive
Towson, MD 21204
(410) 830-3267

Washington College
Clifton M. Miller Library
Washington Avenue
Chestertown, MD 21620

Western Maryland College
Hoover Library
2 College Hill
Westminster, MD 21157
(410) 857-2281

SMALL BUSINESS DEVELOPMENT CENTERS

Dept. of Economic and Employment Development
Marketing Resources
217 East Redwood Street, 10th Floor
Baltimore, MD 21202
(410) 333-6980

Central Maryland Region
Small Business Development Center
1414 Key Highway, Suite 310
Baltimore, MD 21230
(410) 234-0505

Eastern Shore Region
Small Business Development Center Network
Salisbury State University
1101 Camden Avenue
Salisbury, MD 21801
(410) 546-4325

Southern Maryland Region
Small Business Development Center
235 Smallwood Village Center
Waldorf, MD 20602
(301) 932-4155

Suburban Washington Region
Small Business Development Center
9201 Basil Court
Landover, MD 20785
(301) 925-5032

Western Maryland Region
Small Business Development Center
3 Commerce Drive
Cumberland, MD 21052
(301) 724-6716

BALTIMORE METROPOLITAN COUNCIL
601 North Howard Street
Baltimore, MD 21201-4585
(410) 333-4881

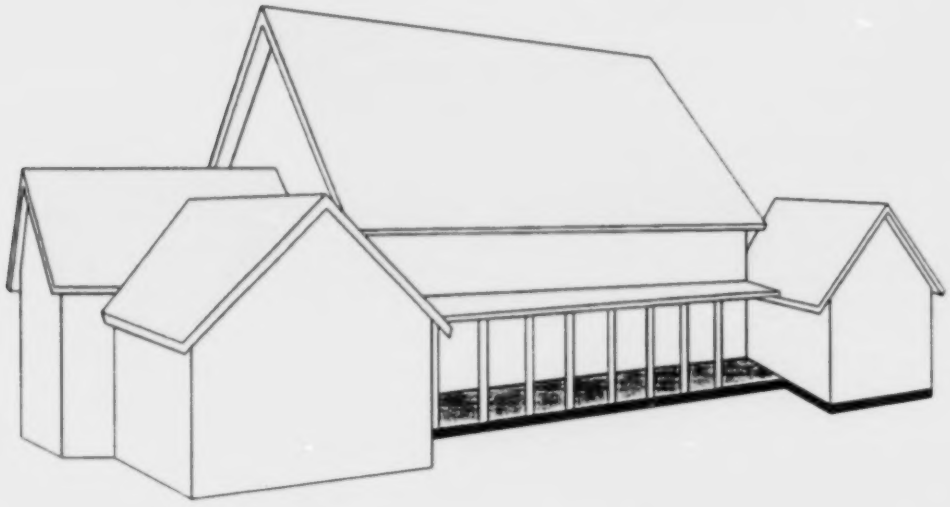
Census Update. by subscription.

Reports will organize data by Regional Planning Districts, census tracts, and, for selected data, block groups. Forthcoming topics, beginning Spring 1993, include:

- Household and Family Income Patterns
- Household Structure
- Poverty and Related Data
- Labor Force and Commuting Patterns

Call the Regional Information Center (410) 333-4881 for publication dates and subscription information.

PUBLIC SCHOOL ENROLLMENT



PUBLIC SCHOOL ENROLLMENT

PUBLIC SCHOOL ENROLLMENT

Outline

MARYLAND OFFICE OF PLANNING
PUBLIC SCHOOL ENROLLMENT

- Public School Enrollment Projections

MARYLAND STATE DEPARTMENT OF EDUCATION
- The Facts Book
- The State Plan for Career & Technology Education
- The Annual Performance Report for Career Technology and Adult Learning

Maryland School Performance Program
Data-based Areas and State Standards

Data-Based Areas
- Assessed Student Knowledge
- Maryland Functional Testing Program
- Maryland School Performance
- Student Attainment
- Participation
- Post-Secondary Documented Decisions

Supportive Information
- Student Population Characteristics
- Special Programs and Services
- Other Factors (School System and State)

Local Education Agencies

MARYLAND OFFICE OF PLANNING
Planning Data Services
301 West Preston Street
Baltimore, MD 21201-2365
(410) 225-4450

PUBLIC SCHOOL ENROLLMENT

Public School Enrollment Projections

This is printed report is prepared annually. Projections are prepared for a ten-year planning period by grade for each political subdivision in the State.

This report presents the following tables for each area:

1. Total (Public and Private) Historical Enrollments
2. Percent of Total School Enrollment Public
3. Public School Historical Enrollments
4. Public School Enrollment Historical and Projected
5. Ratio Kindergarten and First Grade to Births - Historical and Projected
6. Grade Succession Ratios - Historical

Maryland State Department of Education (MSDE)
200 West Baltimore Street
Baltimore, MD 21201
(410) 333-2223

THE FACTS BOOK.

Maryland State Department of Education, Division of Planning, Results and Information Management

The Facts Book is a compilation of student and teacher population data, including enrollment by program area and average pupil expenditures.

THE STATE PLAN FOR CAREER AND TECHNOLOGY EDUCATION.

Maryland State Department of Education, Division of Career Technology and Adult Learning

The State Plan for Career and Technology and Adult Learning contains a statewide labor market analysis which supports program planning for career and technology education.

THE ANNUAL PERFORMANCE REPORT FOR CAREER TECHNOLOGY EDUCATION AND ADULT LEARNING contains student enrollment and compilation data by program area for occupational programs at the secondary and community college levels. It also contains data on enrollment in programs designed to eliminate sex bias and in single parent and homemaker programs.

MARYLAND SCHOOL PERFORMANCE PROGRAM
DATA-BASED AREAS AND STATE STANDARDS

Both school enrollment and school performance data by local school system are available in the Maryland School Performance Report published annually.

DATA-BASED AREAS provide information about student performance in areas considered to be most useful to guide decision making for school improvement. **STATE STANDARDS** which are to be achieved by 1995 are measures against which data will be judged. State Standard levels are: **Excellent Performance** - a highly challenging and clearly exemplary level of achievement indicating outstanding accomplishment in meeting the needs of student; **Satisfactory Performance** - a realistic and rigorous level of achievement indicating proficiency in meeting the needs of students.

Standards listed are for the data-based areas to be reported on the November 1990 School Performance Report. The challenge will be to reach the standards by 1995. Additional standards were set for those data-based areas to be reported on the November 1991 and 1992 reports.

DATA-BASED AREAS	First Reported	STANDARDS Satisfactory	STANDARDS Excellent
A. Student Performance			
1. Assessed Student Knowledge			
a. Maryland Functional Testing Program Grade 9 Status:			
- Reading	1990	95%	97%
- Mathematics	1990	80%	90%
- Writing	1990	90%	96%
- Citizenship	1990	85%	92%
b. Maryland Functional Testing Grade 11 Status			
- Reading		97%	99%
- Mathematics		97%	99%
- Writing		97%	99%
- Citizenship		97%	99%
- Passed All Tests		90%	96%
c. Maryland School Performance Assessment Program Criterion-Referenced Assessment Program in Reading, Mathematics, Writing/ Language Usage, Social Studies, and Science		1993 Report	

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2.	**Student Attainment**				
	a. Promotions				
	Promotion Rate--Grades 1-6 (yearly)	1990	96%	98%
	b. High School Program Completion	1991		
	- Course requirements for University of MD System			
	- Approved occupational program requirements			
	- Approved occupational program and course requirements for University Of MD System			
3.	**Participation**				
	a. Attendance (yearly)			
	- Grades 1-6	1990	94%	96%
	- Grades 7-12	1990	94%	96%
	Students absent fewer than 5 days.	1991		
	Students absent more then 20 days.			
	b. Dropout rate (yearly)		3.0%	1.25%
4.	**Post-Secondary Documented Decisions**			
	Grade 12 Documented Decisions to:			1993 Report
	- Attend a four-year or two-year college			
	- Attend a specialized school			
	- Enter employment related to preparation or unrelated to preparation			
	- Enter the military			

B.	Supportive Information		
1.	Student Population Characteristics		
	a. Enrollment		1990 Report
	b. Mobility		1990 Report
	c. First Graders with Kindergarten Experience		1991 Report
2.	Special Programs and Services		
	a. Special Education, Intensity 1-5		1990 Report
	b. Limited English Proficient		1990 Report
	c. Chapter I		1990 Report
	d. Gifted and Talented		1994 Report
	e. Free/reduced price meals		1990 Report
3.	Other Factors (School System and State)		
	a. Financial Information		1990 Report
	- Wealth per pupil		
	- Per pupil expenditure		
	b. Staffing		1990 Report
	- Instructional staff per 1000 pupils		
	- Professional staff per 1000 pupils		
	- Instructional aides per 1000 pupils		
	c. Instructional Time		1990 Report
	- Length of school day for pupils		
	- Length of school year of pupils		
	d. Norm-Referenced Assessment (CTB/4)		1991 Report

Adopted by State Board of Education
Resolution Numbers (RN):
Data-Based Areas (RN 1990-5, April 25, 1990)
Standards (RN 1990-30, August 29, 1990 and
RN 1991-71, July 31, 1991)90
Publication 7.6, Revised--September 1993

For further information,
Maryland School Performance Program Office
Maryland State Department of Education
200 West Baltimore Street
Baltimore, MD 21201-2595

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LOCAL EDUCATION AGENCIES

Allegany County Board of Education
108 Washington Street
Cumberland, MD 21502
759-2002

Anne Arundel County Board of Education
2644 Riva Road
Annapolis, MD 21401
224-5280, 5282

Baltimore City Public Schools
200 E. North Avenue, Room 204C
Baltimore, MD 21202
396-8907

Baltimore County Board of Education
825 Providence Road
Towson, MD 21204
887-4194

Calvert County Public Schools
Dares Beach Road
Prince Frederick, MD 20678
535-1700

Caroline County Board of Education
Law Building, Market Street
Denton, MD 21629
479-3253

Carroll County Public Schools
55 N. Court Street
Westminster, MD 21157
876-2208 ext. 3133 (Baltimore)

Cecil County Board of Education
Booth Street Center
Elkton, MD 21921
996-5120

Charles County Board of Education
P.O. Box D
La Plata, MD 20646
932-6610 ext. 470
870-3814 ext. 470

Dorchester County Board of Education
P.O. Box 619
Cambridge, MD 21613
228-4747 ext. 253

Frederick County Board of Education
7516 Hayward Road
Frederick, MD 21702
694-1352

Garrett County Board of Education
P.O. Box 59
Oakland, MD 21550
334-8938

Harford County Public Schools
45 East Gordon Street
Bel Air, MD 21014
838-7300 ext. 251

Howard County Public Schools
19091 Route 108
Ellicott City, MD 21043
313-6662

Kent County Public Schools
Washington Avenue
Chestertown, MD 21620
778-7128

Montgomery County Board of Education
850 Hungerford Drive
Rockville, MD 20850
279-3584

Prince George's County Public Schools
14201 School Lane
Upper Malboro, MD 20772
952-6377

Queen Anne's County Board of Education
Box 80 and 110
Centreville, MD 21617
758-2403 ext. 131

St. Mary's County Public Schools
General Delivery
Loveville, MD 20656
475-5636

Somerset County Board of Education
Prince William Street
Princess Anne, MD 21853
651-1485

Talbot County Board of Education
P.O. Box 1029
Washington Street
Easton, MD 21601
822-0330 ext. 41

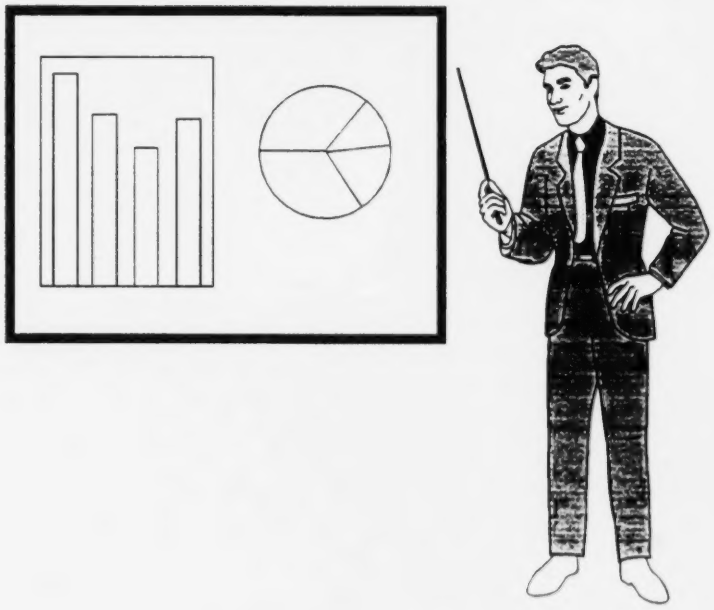
Washington County Board of Education
P.O. Box 730
Hagerstown, MD 21741-0730
791-4170

Wicomico County Board of Education
P.O. Box 1538
Salisbury, MD 21801-1538
543-4227

Worcester County Board of Education
6270 Worcester Highway
Newark, MD 21841
632-2582

EMPLOYMENT DEMAND DATA

EMPLOYMENT



DEMAND DATA

EMPLOYMENT DEMAND DATA

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Office of Labor Market Analysis and Information Introduction

Description of Publications

LMI Offices in Nearby States

Glossary of Labor Market Information Terms

Job Service Directory

INTRODUCTION

The *Directory of Maryland Labor Market Information Products* is intended to provide data users with a comprehensive guide to labor market reports prepared by the Office of Labor Market Analysis and Information (LMAI), Maryland Department of Economic and Employment Development (DEED). The reports contain state and local statistics on employment, unemployment, and other aspects of the job market widely used by government, business and labor, educators, and the general public.

The main text of the *Directory* is an annotated alphabetical listing of the LMAI publications, summarizing contents, geographic coverage, and frequency of each report. A list of LMI offices in neighboring states is included next, followed by a brief Glossary of commonly used LMI terms.

Information and publications described in this *Directory* can be obtained free of charge from either a local labor market analyst (listed on the Agency Contacts page), or by contacting the central office:

Maryland Department of Economic and Employment Development
Office of Labor Market Analysis and Information
1100 North Eutaw Street, Room 601
Baltimore, MD 21201
(410) 333-5000

DESCRIPTION OF PUBLICATIONS

Title: *AFFIRMATIVE ACTION DATA*

Summary: A series of tabular reports containing the most current labor force statistics available by race and sex. Included also are population estimates, occupational data, and statistics on women and minorities seeking employment through the Maryland Job Service. The reports are designed to provide the information required for federal compliance.

Geographic Coverage: State, Baltimore Metropolitan Area, Baltimore City, Counties

Frequency: Annually

Title: *CIVILIAN LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT BY PLACE OF RESIDENCE*

Summary: A one-page table of estimates for labor force, employment, and the unemployment rate, counted by place of residence. Included are current and previous month's estimates along with unemployment rates for a year prior. Historical statistics back to 1970 for the state and to 1980 for regions and counties, are also available. This data series is a product of Maryland's Local Area Unemployment Statistics (LAUS) program, produced in cooperation with the U.S. Department of Labor, Bureau of Labor Statistics.

Geographic Coverage: United States, State, Regions, Counties, Baltimore City

Frequency: Annually

Title: *CLAIMS PROCESSED FOR UNEMPLOYMENT INSURANCE BENEFITS*

Summary: A one-page table which reports by local DEED office, all claims filed against and the amount of benefits paid out by the Maryland Unemployment Insurance Fund. Claims data are provided for the week in reference and for the same week during the two preceding years. Separate reports tabulating federally insured claims, special benefits programs, and interstate claims processed at the local office are also available.

Geographic Coverage: State, Local DEED Offices

Frequency: Weekly

Title: *LABOR MARKET REVIEW*

Summary: Through data tables, graphs, and written analysis this report summarizes Maryland labor market trends during the reference year. Nonagricultural payroll employment, hours and earnings data from the CES survey, and labor force statistics from the LAUS program are covered in detail.

Geographic Coverage: State, Regions, Counties, Baltimore City

Frequency: Annually

Title: *MARYLAND 1986-2000 INDUSTRY AND OCCUPATIONAL EMPLOYMENT PROJECTIONS*

Summary: An analysis of projected employment trends in Maryland from 1986 to 2000. Using data from the Occupational Employment Statistics (OES) and the ES-202 report, this study forecasts growth in major industry and occupational divisions, as well as detailed industry classes and specific occupations. Jobs with the most openings (growth and separations), largest numerical growth, and fastest growth rates, are highlighted. The report includes data tables, bar charts, and written analysis to explain trends.

Geographic Coverage: One-Time Report

Title: *MARYLAND HIGH TECHNOLOGY*

Summary: A detailed analysis of the performance of the private sector industry groups that comprise the high technology industry and their relationship to the total economy. Data on employment and wages are furnished. Detail industry statistics are presented for the state, along with summary figures for the counties. An occupational analysis and forecast of jobs commonly associated with high tech industries are also included.

Geographic Coverage: State, Counties, Baltimore City

Frequency: Updates Annually

Title: *CURRENT EMPLOYMENT STATISTICS (CES) SURVEY*

Summary: This monthly survey of business establishments, a federal-state cooperative effort, is conducted to obtain current data on employment trends around the state. Statistics collected through this survey are used in producing various labor market estimates and form the basis for the two data series described below. These statistics appear in a number of labor market reports.

NONAGRICULTURAL PAYROLL EMPLOYMENT BY INDUSTRY BY PLACE OF EMPLOYMENT comprises the most recent estimates produced for at-place employment. At the regional level, data are published for employment in major industry divisions, while detailed industry statistics are produced for the state. Estimates dating back to 1970 for the state and to 1980 for sub-state regions are also available.

GROSS AVERAGE HOURLY AND WEEKLY EARNINGS AND HOURS WORKED BY PRODUCTION WORKERS IN SELECTED MANUFACTURING INDUSTRY GROUPS includes the number of hours worked and the hourly and weekly wages paid during the survey period for manufacturing production workers, reported by industry group.

Geographic Coverage: State, Regions, Baltimore City, Baltimore Metropolitan Area

Frequency: Monthly, Annually

Title: *EMPLOYMENT AND PAYROLLS OF MARYLAND*

Summary: A tabular report of industry employment statistics compiled from contribution reports submitted by employers taxable under the Maryland Unemployment Insurance Law. Monthly, quarterly, and annual average employment figures are published, along with total and average weekly wages paid, by industry. Also known as the "ES-202 Report", this is generally considered to be the most comprehensive tabulation available of nonagricultural payroll employment and wages.

At the county level, data are published for major industry divisions. For Baltimore City, the Baltimore Metropolitan Area and Maryland, statistics for specific industry classes are supplied. (More detailed data may be available upon request).

Geographic Coverage: State, Baltimore Metropolitan Area, Counties, Baltimore City

Frequency: Quarterly, Annually

Title: *MARYLAND INDUSTRIAL PROFILE*

Summary: Based on data compiled from employers' unemployment insurance tax reports, this study tracks payroll employment trends in Maryland from 1980 through the most recent year available. Detailed industry statistics for the state on the number of jobs, business establishments, and wages paid are analyzed. Limited data is presented by size class of establishments. For the state's political subdivisions, summary and major industry statistics are covered.

Geographic Coverage: State, Counties, Baltimore City

Frequency: Periodically

Title: *MARYLAND MONTHLY LABOR REVIEW*

Summary: A news bulletin intended to provide data users with an up-to-date picture of Maryland's job market situation. Monthly labor force and nonagricultural payroll employment statistics from the LAUS and CES programs are presented, along with data on claims filed for unemployment insurance compensation. A brief written analysis examines the trends behind the numbers.

Geographic Coverage: State, Regions, Counties, Baltimore City

Frequency: Monthly

Title: *MARYLAND RURAL MANPOWER REPORT*

Summary: A review of labor market developments in the state's rural areas. Statistics on farm workers and wages, with emphasis on migrant and seasonal workers, are included. Activities of Maryland's Rural Manpower Program, and services provided to rural workers and employers engaged in agricultural production are cited.

Geographic Coverage: State, Major Agricultural Areas

Frequency: Periodically

Title: *UNEMPLOYMENT INSURANCE ACTIVITIES REPORT*

Summary: A summary of unemployment insurance activities during the state fiscal year in reference. Contained in the report are data on the number of claims filed, claimants exhausting benefits, and average and total amounts of benefits paid. Administrative claims decisions and statistics on special federal assistance programs are also covered. Receipts and disbursements of the Maryland Unemployment Insurance Tax Fund are detailed. Information on employer accounts and contributions made are included.

Geographic Coverage: State, Baltimore Metropolitan Area, Local DEED Offices

Frequency: Annually

NONPUBLISHED STATISTICS

Data from the following statistical series, some of which are available form in LMI reports, can be obtained upon request.

Title: *MARYLAND JOB SERVICE STATISTICS*

Summary: Current and cumulative statistics compiled on activities of the Maryland Job Service. Information is available on job applicants by race, sex, age, veteran status, occupation, and services provided. Data is also produced on job openings placed and filling by occupational title. Limited wage data for job openings may be obtained.

Geographic Coverage: State, DEED Local Offices

Frequency: Monthly, Quarterly, Annually (Program Year)

Title: *OCCUPATIONAL EMPLOYMENT STATISTICS (OES)*

Summary: A federal-state program that produces occupational staffing patterns data by industry group. One-third of all industries are surveyed each year, resulting in an updated economy-wide occupational profile every three years. Additionally, OES data is used in forecasting job trends. Statistics are available on the estimated number of jobs by occupation, and the occupational composition of two-digits SIC's.

Geographic Coverage: State

Frequency: Triennially

Title: Wage Information

Summary: Selected wage data from a variety of sources -- BLS, BEA, ES 202 and OES programs -- are maintained and available upon request.

Geographic Coverage: State, Selected Regions, Counties

Frequency: As Requested

LABOR MARKET INFORMATION OFFICES IN NEARBY STATES

DELAWARE

Office of Occupational and Labor Market Information
Delaware Department of Labor
University Plaza Office Complex, Building D, Room 202
Chapman Road & Route 273
Newark, DE 19713
(301) 368-6962

DISTRICT OF COLUMBIA

Division of Labor Market Information and Research
D.C. Department of Employment Services
500 C Street, N.W., Room 201
Washington, DC 20001
(202) 639-1642

PENNSYLVANIA

Bureau of Research and Statistics
Department of Labor and Industry
Labor and Industry Building, Room 1213
Harrisburg, PA 17121
(717) 787-3265

VIRGINIA

Economic Information Services Division
Virginia Employment Commission
703 E. Main Street, Room 304
Richmond, VA 23219
(804) 786-7496

WEST VIRGINIA

Labor and Economic Research Section
West Virginia Department of Employment Security
112 California Avenue, Room 408
Charleston, WV 25305-0301
(304) 558-2660

GLOSSARY OF LABOR MARKET INFORMATION TERMS

AT-PLACE EMPLOYMENT

This employment measure, which is derived from unemployment tax records submitted by employers on a quarterly basis, represents a count of jobs stratified by geographic areas.

EMPLOYMENT (BY PLACE OF RESIDENCE)

A count of all civilians who, during the survey week, did any work at all a paid employees in their own business or profession or who worked 15 hours or more as unpaid workers in an enterprise operated by a member of the family. Workers temporarily absent from a job due to illness, vacation, labor disputes, bad weather, or personal reasons are also considered employed.

INDUSTRY

An industry designation indicates the primary type of goods or services that an establishment produces. Industries are defined by descriptions in the Standard Industrial Classification (SIC) Manual.

LABOR FORCE (CIVILIAN)

The sum of all employed and unemployed persons aged 16 or older counted by place of residence. State and local area statistics include the civilian population only; national data is available for both civilian and total (including the Armed Forces) labor force.

LABOR FORCE PARTICIPATION RATE

The proportion of the noninstitutional population 16 years and older that is in the labor force:

$$\text{Labor Force Participation Rate} = \frac{\text{Labor Force}}{\text{Population 16+}}$$

METROPOLITAN STATISTICAL AREA (MSA)

A title, assigned for statistical purposes, to a geographic area that meets certain demographic and economic criteria as determined by the U.S. Office of Management and Budget. In general, an MSA is a large, densely populated, economically-integrated area, defined by political boundaries.

PAYROLL EMPLOYMENT

A count of both full and part time wage and salary jobs by place of work. Self-employed, unpaid family workers, persons on unpaid leave or involved in labor disputes, and members of the Armed Forces, are excluded.

PRODUCTION WORKERS

In manufacturing includes working supervisors and all nonsupervisory workers closely associated with production operations.

STANDARD INDUSTRIAL CLASSIFICATION (SIC)

The statistical classification system developed by the U.S. Office of Management and Budget to categorize all industries in the U.S. economy, according to the activity in which they are engaged. Businesses are grouped into divisions and further classified into specific industries identified by numerical codes. Standard Industrial Classification (SIC's) may be expressed in two, three, or four digit codes, depending on the level of industry detail used. All LMI business establishment data is classified according to the 1987 revision of the *Standard Industrial Classification Manual*.

SURVEY PERIOD

The reference period for all state and national economic statistics programs. It covers the pay period that includes the 12th of the month.

TARGET GROUP

A group of persons sharing common characteristics who have been identified as being at a disadvantage in the job market and/or in need of training, placement assistance, or other job-related services aimed at improving their employability. Such groups may include: youth, minorities, women, handicapped, veterans, economically disadvantaged, or others.

UNEMPLOYED

All persons 16 years or older who are not working for pay or profit but are available for work and have looked for sometime during the preceding four weeks. Also included are persons who did not look for work by are on temporary layoff or are waiting to start a new job within 30 days. This is a person county by place of residence.

UNEMPLOYMENT RATE

The proportion of the labor force that meets the criteria for being considered unemployed, expressed as a percentage.

$$\text{Unemployment Rate} = \frac{\text{Unemployment}}{\text{Labor Force}}$$

WORK FORCE

Employed persons counted by place of work.

WORKING-AGE POPULATION

The noninstitutional population aged 16 years and older.

DEPARTMENT OF ECONOMIC AND EMPLOYMENT DEVELOPMENT
MARYLAND JOB SERVICE

Office of Employment Services (410) 333-5353
1100 N. Eutaw Street, Room 209
Baltimore, MD 21201

BALTIMORE METROPOLITAN AREA

Anne Arundel County: North (410) 787-2330
7500 Ritchie Highway
Glen Burnie, MD 21061

Anne Arundel County: South (410) 974-7920
30 Hudson Street
Annapolis, MD 21401

Baltimore City: Central (410) 333-5187
1100 N. Eutaw Street
Baltimore, MD 21201

2700 Spelman Road
Baltimore, MD 21225 (410) 355-6751

Baltimore City: Northwest (410) 358-6690
4025 Mortimer Avenue
Baltimore, MD 21215

Baltimore County: North (410) 321-4063
1228 E. Joppa Road
Towson, MD 21204

Baltimore County: East (410) 288-9050
7930 Eastern Blvd at Rolling Mill Rd
Baltimore, MD 21224

Carroll County (410) 876-2240
125 Airport Dr., Suite 10
Westminster, MD 21157

Howard County (410) 992-2619
9250 Rumsey Road
Columbia, MD 21045

NORTHEASTERN MARYLAND

HARFORD COUNTY (301) 836-4602
2 South Bond Street
Bel Air, MD 21014

CECIL COUNTY (301) 398-3810
170 East Main Street
Elkton, MD 21921

EASTERN SHORE: UPPER

CAROLINE COUNTY (301) 479-1160
Old Armory Building
107 South Fourth Street
Denton, MD 21629

DORCHESTER COUNTY (301) 228-0700
503 Race Street
Cambridge, MD 21613

KENT COUNTY (301) 778-3525
126 Philosophers Terrace
Chestertown, MD 21620

QUEEN ANNE'S COUNTY (301) 827-6116
170 Main Street
Grasonville, MD 21638

TALBOT COUNTY (301) 822-3030
Route 50, near Idlewild Avenue
Easton, MD 21601

EASTERN SHORE: LOWER

SOMERSET COUNTY (301) 968-0440
930 West Main Street
Crisfield, MD 21817

31 N. Somerset Avenue (301) 651-0801
Princess Anne, MD 21853

WICOMICO COUNTY (301) 543-6657
201 Baptist Street
Salisbury, MD 21801

WORCESTER COUNTY (301) 632-1886
422 West Market Street
Snow Hill, MD 21863

702 North Philadelphia Avenue (301) 289-6177
Ocean City, MD 21842

SOUTHERN MARYLAND

CALVERT COUNTY (301) 535-6003
101 Skipjack Road, Suite 4
P.O. Box 508
Prince Frederick, MD 20678

CHARLES COUNTY (301) 645-8710
Annapolis Federal Savings & Loan Bldg.
Routes 301 & 5, 2nd Floor
P.O. Box 9
Waldorf, MD 20604

ST. MARY'S COUNTY (301) 475-8300
The Joseph D. Carter Multi-Service Ctr.
Route 245
Washington Street
Leonardtown, MD 20650

WESTERN MARYLAND
ALLEGANY COUNTY (301) 777-2124
239 North Mechanic Street
Cumberland, MD 21502

FREDERICK COUNTY (301) 694-2180
North Amber Business Park (301) 694-1916 TTY
67 Thomas Johnson Drive
P.O. Box 697
Frederick, MD 21701

GARRETT COUNTY (301) 334-3972
216 East Alder Street
Oakland, MD 21550

WASHINGTON COUNTY (301) 791-4700
401 East Antietam Street
Hagerstown, MD 21740

D.C. METROPOLITAN AREA

MONTGOMERY COUNTY (301) 949-5624
Wheaton Plaza, South Office Bldg. (301) 949-1523 TTY
Wheaton, MD 20902

19580 Clubhouse Road (301) 330-4215
Gaithersburg, MD 20879

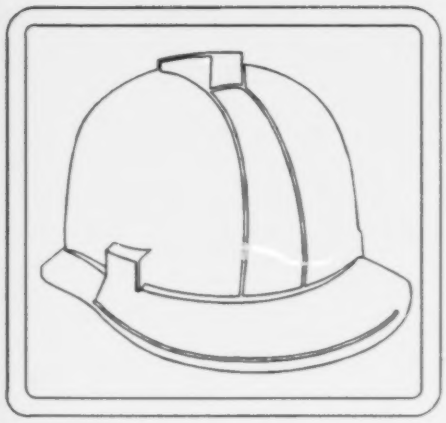
(Open Tuesday & Thursday, 8:30 a.m. - 4:30 p.m.)

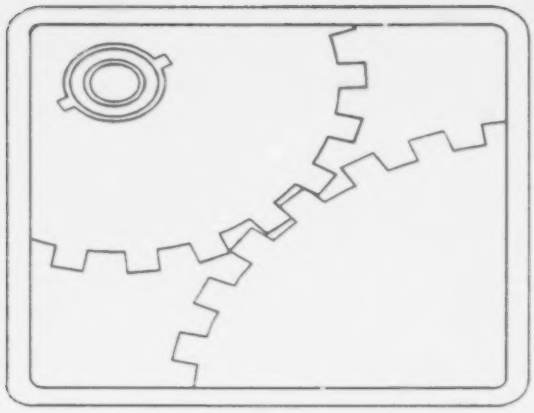
PRINCE GEORGE'S COUNTY (301) 441-2137
6321 Greenbelt Road (301) 441-2151 TTY
College Park, MD 20740

Corridor Employment Center (301) 206-2020
614 Main Street
Laurel, MD 20707

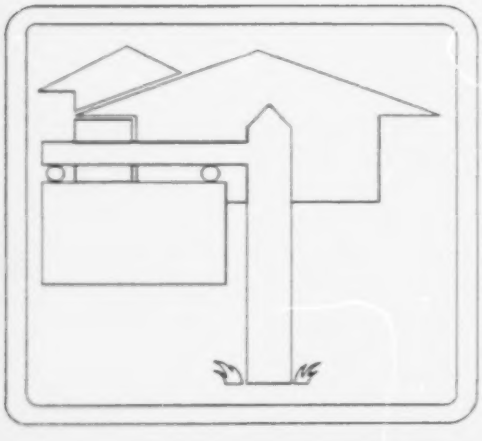
1802 Brightseat Road (301) 386-5522
Landover, MD 20785

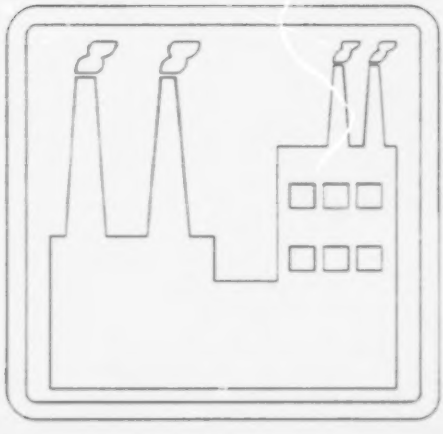
BUSINESS/INDUSTRY DATA





BUSINESS/INDUSTRY DATA





BUSINESS/INDUSTRY DATA
Outline

DEPARTMENT OF ECONOMIC AND EMPLOYMENT DEVELOPMENT
- Maryland High-Tech Directory
- Maryland Manufacturers Directory
- Office of Research

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- Economic and Demographic Trends
- Baltimore Region Employment Trends 1980-1990
- Baltimore/Washington Trends Report
- Regional Economic Indicators
- Regional Economic Outlook Projection to Year 1997
- Round IV Cooperative Forecasts
- Interim Round V Cooperative Forecasts, 1990-2020
- Regional Employment Trends and Prospects 1990-1995

Environment
- Geographic Information Systems: Environmental Planning Applications and Coordination Opportunities in the Baltimore Region
- Historical Changes in Land Use/Land Cover: A Case Study of Subwatersheds within the Reservoir Watershed
- 1992 Action Report for the Reservior Watersheds
- Reservior Watershed Protection Subcommittee

Transportation
- 1990 Transportation Zone and Census Geography
- Baltimore Region Long-Range Transportation Plan: Goals, Objectives and Policy Statements
- Baltimore Region Transportation Improvement Program 1993-1997
- Baltimore Region Travel Simulation and Deficiencies for 2010: Issue I
- Commuting Trends in the Baltimore Region: A Comparison of 1970, 1980, and 1990 Census Data
- Directory of Private Transit and Paratransit Services in the Baltimore Region
- Directory of Transportation Services in the Baltimore Region for the Elderly and Individuals with Disabilities
- Perspectives: A Look at Travel in the Baltimore Region

Profile of Travel Trends: A Statistical Abstract for 1980, 1985, and 1990
Transportation Management Associations - A Public/Private Partnership Solution
Maps
Master Land Use Plans, County Land Use Categories and Master Land Use Plans, Generalized Land Use Categories
1990 Census Tracts and Regional Planning Districts in the Baltimore Region
Zip Code Map
BMC Baltimore Base Map

Directories

Directory of Technology Councils
Maryland County and City Economic Development Contacts
Chamber of Commerce

MARYLAND DEPARTMENT OF ECONOMIC AND EMPLOYMENT DEVELOPMENT
Division of Business Resources
Office of Technology Development
Office of Business Resources
Office of Research
217 East Redwood Street
Baltimore Maryland 21202
(410) 333-6990

The Maryland Department of Economic and Employment Development, Division of Business Resources, offers a broad range of programs and services to promote the growth of businesses and industries in the State of Maryland. Maryland's Department of Economic and Employment Development, Division of Business Resources, support to companies includes on-site consultation and location assistance, project financing, challenge grants, productivity assessments, research information, advanced technology, international trade opportunities and employee training.

Several publications are available to help planners.

Maryland Technology Resource Guide, $90, Corporate Technology Information Services Inc., Suite 200, 12 Alfred Street, Woburn, MA 01801, 1-800-333-8036

Maryland Manufacturers Directory, $60, Harris Publishing Company, 2057 Aurora Road, Twinsburg, Ohio 40087, 1-800-888-5900

MARYLAND DEPARTMENT OF ECONOMIC AND EMPLOYMENT DEVELOPMENT
217 W. Redwood Street
Baltimore, MD 21201
(410) 333-6948

OFFICE OF RESEARCH

REPORTS/STUDIES

Title:	Economic and Employment Report
Author:	Pradeep Ganguly
Contributors:	Pat Arnold, Valarie Robinson, Marco Merrick Mary Jo Yeisley
Nature:	This is a quick at-a-glance look monthly at Maryland's regional employment, civilian labor force, employment and unemployment, labor market and economic indicators.

Title:	Maryland Statistical Abstract
Compilation Supervised by:	Irene Tashlick
Contributors:	Valarie Robinson, W. Christopher Schwartz, Zafar Ali
Subscription:	$39
Nature:	The abstract is the single most reliable source of information on Maryland's trends and major indicators available to the public. It includes information on such diverse topics as: Population and Vital Statistics, Education, Personal Income, Climate of Maryland, Manufacturing Employment and Payrolls, and much more.

Title:	The Maryland Economy
Author:	Pradeep Ganguly
Nature:	An annual report on the performance of the Maryland economy.

Title:	The Economic Outlook
Author:	Pradeep Ganguly
Nature:	A report, done jointly by DEED and the Chamber of Commerce. This report highlights the outlook for the Maryland economy during 1992, based on analysis by DEED's Office of Research, the University of Maryland, Johns Hopkins University, University of Baltimore and Towson State University.

Title:	Maryland Economic Indicators (Monthly Report)
Author:	Pradeep Ganguly
Contributors:	Robert Schoeplein, Valarie Robinson, Pat Arnold, and Jane Howard

Subscription: $15

Nature: A monthly report on the Maryland economy. This report highlights changes in labor force, employment, inflation, incomes, building permits, auto registrations, and activities at the Port of Baltimore and BWI Airport.

Title: Maryland International Business Report
Author: Pradeep Ganguly
Nature: This annual report highlights Maryland's achievements in international business -- Port of Baltimore, direct foreign investment, international trade, BWI Airport, international tourism, activities of MID, WTCI, IVC, sister states, and business, educational and cultural organizations.

Title: The Economic Impact of the Horse Racing Industry in Maryland, 1990
Author: Massoud Ahmaid and Pradeep Ganguly
Nature: This study highlights the significant economic impact of horse racing on the Maryland economy in 1990. The horse racing industry is a continuing interest of this department.

Title: Christopher Columbus Center of Marine Research and Exploration: An Economic Impact Study -- 1992 Update
Author: Massoud Ahmadi
Nature: The original report on the economic significance of the proposed Christopher Columbus Center to Maryland was published in January 1990. This is a revision of that report, to incorporate changes in concept and design over the last two years.

Title: Christopher Columbus Center of Marine Research and Exploration: An Economic Impact Study. January 1990
Authors: M. Ahmadi, P. Ganguly, N. McPherson, R. Schoeplein
Nature: The economic and fiscal impacts of the proposed Christopher Columbus Center in Baltimore.

Title: Economic Impact of Goddard Space Flight Center in Maryland
Client: Governor's Office
Author: Massoud Ahmadi
Length: 92 pages
Nature: This comprehensive report estimates for the first time, economic and fiscal benefits of Goddard to the State of Maryland. The report identifies all Maryland industries and institutions which both

directly and indirectly benefit from Goddard's annual mission in Maryland.

Title: Motorsports
Author: Massoud Ahmadi
Nature: This is an economic impact study of a Major Multi-Purpose Motorsports Facility in Maryland.

Title: The Manufacturing Industry in Maryland, February 1989. Update of the report is planned in the near future.
Author: Pradeep Ganguly
Client: DEED, DBD, DBR, Legislative Liaison, Legislature, Governor's Office
Nature: This report highlights changes in employment, wages, number of establishments, output, value added, and productivity. Data are from 1971 to 1987. Comparisons are provided of Maryland with several other states, as well as the United States. Data on exports, imports, and other competitiveness factors are provided. Statistical analysis, such as regression and shift-share, are used to explain changes in employment, output and productivity.

Title: Workers' Compensation Insurance in Maryland. Several reports on the Workers' compensation insurance system in Maryland. 1984, 1986, 1987. Also, Report of the Governor's Commission on Workers' Compensation Insurance, December 1986.
Author: Pradeep Ganguly and others
Nature: Analysis of the relative cost of workers' compensation insurance in Maryland. Comparison of costs in Maryland relative to other states in the nation. Comparison of permanent partial, temporary total, medical and other costs. Comparison of benefit levels. Time series statistical analysis used for estimating the significance of the difference in costs. Led to major reforms of Maryland's workers' compensation system in 1987.

MARYLAND OFFICE OF PLANNING
Planning Data Services
301 West Preston Street
Baltimore, MD 21201-2365
(410) 225-4450

COUNTY BUSINESS PATTERNS

County Business Patterns

- ZIP Code versions of this report series are available on diskette
- For more information, request the **County Business Patterns by ZIP Codes Product Announcement**
- Copies of the county level printed report may be ordered from the Census Bureau, Customer Services Branch (301) 763-4100

County Business Patterns is an annual Census Bureau report series. It shows data on State and county-level mid-March employment, first quarter and annual payrolls, total number of establishments and number of establishments by employment-size class.

Data are tabulated by industry. Most economic divisions are covered in the reports:

Agricultural Services	Mining
Construction	Manufacturing
Transportation, Public Utilities	Wholesale Trade
Retail Trade	Services
Finance, Insurance and Real Estate	

NEW CONSTRUCTION

New Construction Authorized by Building Permits

- Annual and monthly reports are available
- These reports are also available on-line.

For more information users should request the **New Construction Authorized by Building Permits Product Announcement.**

New Construction in Maryland - Price - $10.00. This annual report summarizes total new construction activity for the State and political subdivisions.

Tabulations show:

New residential Units by Structure Type
Non-Residential Structures
Demolitions
Additions
Alterations and
Conversions

PRINTED BUSINESS AND INDUSTRY REPORTS

Historical data included in the report show new residential construction activity for single years.

Monthly reports show cumulative new residential construction activity authorized by building permits. These reports present total and single-family housing unit data for political subdivisions that report activity each month (excludes Caroline, Dorchester, Kent and Somerset). Each monthly report presents a comparative analysis of current year activity with prior year activity.

BALTIMORE METROPOLITAN COUNCIL
601 NORTH HOWARD STREET
BALTIMORE, MD 21201-4585
(410) 333-4881

PUBLICATIONS LIST
Spring, 1993

LIBRARY

The Regional Information Center is your point of contact for Baltimore Regional Metropolitan Council information products, research services and referral to staff experts. As well as maintaining a regional and urban planning library associated with the Enoch Pratt Free Library, the Regional Information Center distributes all the Council publications listed herein.

Center staff also provides **"Data Plus!"**, a personalized census mapping service. **"Data Plus!"** enables the user to carve a geographic area of interest anywhere in Maryland (including designating a radial distance from a point) and receive relevant 1990 census-based population and housing data in a faster, more accurate and automated fashion than ever before. Zip code level data is also available.

Some examples of data available through **"Data Plus!"** are: Persons, Households, Income, Housing Value Owned & Rented; Educational Attainment; Employment Status; and Racial Data, by age, marital status, and gender.

The Regional Information Center is open to the pubic from 8:30 a.m. to 4:30 p.m. weekdays. The Center staff strongly recommends setting up an appointment in advance.

For details on **"Data Plus!"** pricing, an appointment to use the Regional Information Center, or order information for any of the listed publications, please call 410-333-4881. Please note: shipping and handling charges extra on all reports.

NEWSLETTERS

Metropolitan Council News and Resource for Regional Activity. Free.

PRINTED ECONOMIC RESEARCH AND MARKET DATA

CULTURAL DEVELOPMENT

Establishing a Regional Partnership for Cultural Development; A Cultural Agenda for the Baltimore Region in the 1990's. 1990. $3.

Adopted policy statement developed in collaboration with the Region's cultural community.

ECONOMIC AND DEMOGRAPHIC TRENDS

Baltimore Region Employment Trends 1980-1990. 1991. $50.

Analyzes employment changes in the decade, and provides data showing number of jobs by 2-digit SIC categories for each jurisdiction, as well as number of jobs in each regional planning district by major economic sector.

Baltimore/Washington Trends Report. 1990. $100.

Provides an analysis of past and projected growth of the Baltimore and Washington metropolitan statistical areas, the increasing interactions between the two regions, and the various intra- and inter-regional issues facing these two areas. In addition, an emphasis is placed on the corridor counties of Anne Arundel, Howard, Montgomery and Prince George's.

Regional Economic Indicators. 1993-1994 edition. $50.

Expanded and updated version of the most comprehensive collection of demographic and economic data on the region available. Part I focuses on the region and its jurisdiction; Part II compares Baltimore to thirty other metropolitan areas. Plans are underway to update selected data in the **Indicators** report periodically. Please call 410-333-2895 to obtain subscription information.

Regional Economic Outlook: Projections to the Year 1997 for the Baltimore Region. $100.

Expanded and updated version of the most comprehensive collection of demographic and economic data on the region available. Part I focuses on the region and its jurisdictions; Part II compares Baltimore to thirty other metropolitan areas.

Round IV Cooperative Forecasts...Forecasts of Population, Households and Employment 1990-2010. $20.

Latest compilation of small area (regional planning district) projections, with 1980 data for comparison.

Interim Round V Cooperative Forecasts, 1990-2020.

Regional Employment Trends and Prospects 1990-1995. $25.

Projects regional job growth by sector. Appendix tables (available separately for $100) present 1990-1995 employment projections by regional planning district and by census tract.

BALTIMORE METROPOLITAN COUNCIL
601 North Howard Street
Baltimore, MD 21201-4585
(410) 333-4881

PUBLICATIONS LIST - SPRING 1993

ENVIRONMENT

Geographic Information Systems: Environmental Planning Applications and Coordination Opportunities in the Baltimore Region. 1992. $10.

Results and recommendations from a survey of local, regional and State agencies.

Historical Changes in Land Use/Land Cover: A Case Study of Two Subwatersheds Within the Reservoir Watershed. 1992. $10.

Documents the first phase of a study of how changes in land use, land cover and land management in the vicinity of Carroll County's Beaver Run and Baltimore County's Beaver Dam Run have affected the export of total phosphorus into two of the region's three reservoirs.

1992 Action Report for the Reservoir Watersheds. Reservior Watershed Protection Subcommittee. December 1992. $10.

Eighth annual report on water quality conditions in the region's reservoirs, including progress on actions taken to improve water quality.

TRANSPORTATION

1990 Transportation Zone and Census Geography. March 1991. $3.

Documents changes in the transportation zone boundaries as they relate to the 1990 census geography. Includes maps displaying boundary shifts and a conversion table.

Baltimore Region Long-Range Transportation Plan: Goals, Objectives and Policy Statements. February 1993. Free.

Seven-page flyer describing goals governing the development of a new long-range transportation plan for the region.

Baltimore Region Transportation Improvement Program 1994-1997. September 1992. $25.

Annual report listing timing, cost and rationale for transportation improvements to be made in the region over the next five years.

Baltimore Region Travel Simulation and Deficiencies for 2010: Issue I. February 1993. Free.

A 2010 regional travel simulation which will be used as the base for the development of the Baltimore Region's Long-Range Transportation Plan; reports on network deficiencies given currently adopted forecasts of socioeconomic data and the existing and committed highway and transit networks.

Commuting Trends in the Baltimore Region: A Comparison of 1970, 1980, and 1990 Census Data. March 1993. $20.

Summarizes and displays the significant changes in commuting characteristics in the region over the past two decades.

Directory of Private Transit and Paratransit Services in the Baltimore Region. 4th ed. February 1992. $10.

Lists private operators, such as private bus and van companies, charter and limousine services, and taxicab companies that provide transportation service to the Region. Also lists park-and-ride lots, ridesharing services, and transportation management association.

Directory of Transportation Services in the Baltimore Region for the Elderly and Individuals with Disabilities. June 1991. $5.

First step in analyzing the mobility needs of special populations and the extent to which those needs are being met by service and program providers.

Perspectives: A Look at Travel in the Baltimore Region. January 1993. Free.

Six page brochure describing how demographic changes are affecting traffic patterns and describing steps underway to develop solutions.

Profile of Travel Trends: A Statistical Abstract for 1980, 1990, 1991 and 1992. 4th edition. June 1993. $10.

Continues a series of reports on transportation trends in the region, providing data on use of roads, transit and other transportation modes (air, rail and water) as well as data on number of licensed drivers, registered motor vehicles, vanpools and traffic fatalities.

Transportation Management Associations - A Public/Private Partnership Solution. 1990. Free.

Brochure describing how public and private entities can use Transportation Management Associations tc solve the transportation problems of a soecific geographic area. Also outlines the assistance the Council will provide in developing a TMA.

MAPS

Master Land Use Plans, County Land Use Categories and **Master Land Use Plans, Generalized Land Use Categories.** 1992. Available in three sizes, with prices ranging from $25 to $40 each.

Two colored maps showing land use in the region: the first composite displays land use categories as printed and color-coded by each jurisdiction; the second shows the same plans according to a common region-wide classification legend and consistent colorization. Maps show displays existing highway and rail service networks.

1990 Census Tracts and Regional Planning Districts in the Baltimore Region. 1991. Size: 19" x 25". Scale: 1" = 4 miles. $3.

Major State and national highways are indicated, but individual boundary streets are not; includes listing of numbers and names of 94 regional planning districts (RPDs) in Region as well as inset of City.

ZIP Code Map. 1991. Size 19" x 25". Scale: 1" = 4 miles. $3.

ZIP code boundary lines were determined interpreting U.S. Postal Service ZIP+4 mail sorting directories and overlaid on Maryland State Highway Administration base maps. Includes alphabetical list of post offices and corresponding ZIP codes.

BMC Baltimore Base Map (1993). $4,500 for the Region, $1,000 per county. Map information $995 for IBM-compatible, Microsoft Windows or Apple MacIntosh versions, $1,795 for Hewlett-Packard or Sun Workstations.

OTHER SOURCES OF BUSINESS/INDUSTRY DATA

DIRECTORY OF TECHNOLOGY COUNCILS

UPPER SHORE REGIONAL TECHNOLOGY COUNCIL
CHESAPEAKE COLLEGE
P.O. BOX 8
WYE MILLS, MD 21679
(410) 827-7744

MONTGOMERY HIGH TECH COUNCIL
50 MONROE STREET, SUITE 1707
ROCKVILLE, MD 20850
(301) 762-6325

LOWER EASTERN SHORE REGIONAL TECHNOLOGY COUNCIL
SALISBURY STATE UNIVERSITY
1101 CAMDEN AVENUE
SALISBURY, MD 21801
(410) 548-4419

SOUTHERN MARYLAND REGIONAL TECHNOLOGY COUNCIL
CHARLES COUNTY COMMUNITY COLLEGE
P.O. BOX 910
LA PLATA, MD 20646-0910
(301) 934-5316

WESTERN MARYLAND REGIONAL TECHNOLOGY COUNCIL
ADVANCED TECHNOLOGY CENTER
11400 ROBINWOOD DRIVE
HAGERSTOWN, MD 21742-6590
(301) 790-2800 X307

GREATER BALTIMORE COMMITTEE
(BALTIMORE TECHNOLOGY COUNCIL)
111 SOUTH CALVERT STREET
BALTIMORE, MD 21202
(410) 727-2820

Maryland County and City
Economic Development Contacts

Allegany County

Allegany County Department of Economic Development
One Commerce Drive
Cumberland, MD 21502
(301) 777-5968
FAX: (301) 777-2194

Anne Arundel County

Anne Arundel County Economic Development Office
2660 Riva Road, Suite 200
Annapolis, MD 21401
(410) 222-7410
FAX: (410) 222-7415

Baltimore City

Baltimore Development Corporation (BDC)
36 South Charles Street, Suite 1600
Baltimore, MD 21201
(410) 837-9305
FAX: (410) 547-7211

Baltimore County

Baltimore County Economic Development Commission
Court House Mezzanine
400 Washington Avenue
Towson, MD 21204
(410) 887-8000
FAX:(410) 887-8017

Calvert County

Calvert County Department of Economic Development
Calvert County Courthouse
Prince Frederick, MD 20678
(410) 535-4583 or 855-1880, (800) 331-9771
FAX: (410) 535-1787

Caroline County

Caroline County Economic Development Commission
P.O. Box 207
Denton, MD 21629
(410) 479-2230
FAX: (410)479-4169

Carroll County

Carroll County Economic Development Commission
125 North Court Street, Suite 101
Westminster, MD 21157
(410) 848-4500
Baltimore Line:(410)876-2085 ext.2070
FAX:(410)848-0003

Cecil County

Cecil County Office of Economic Development and Tourism
129 E. Main Street, Room 324
Elkton, MD 21921-5933
(410) 996-5300
FAX: (410) 996-5305

Charles County

Charles County Economic Development Commission
Box V
LaPlata, MD 20646
(301) 932-6066
FAX: (301) 932-1473

Dorchester County

Dorchester County Economic Development
County Office Building
501 Court Lane
P.O. Box 26
Cambridge, MD 21613
(410) 228-0155
FAX:(410) 228-1563

Frederick County

Frederick County Department of Economic and Community Development
Winchester Hall
12 East Church Street
Frederick, MD 21701
(301)694-1058
FAX: (301) 694-6850

Garrett County

Garrett County Development Corporation
Room 3- Old Courthouse
Oakland, MD 21550
(301) 334-1920
FAX: (301) 334-5000

Harford County

Harford County Office of Economic Development
220 S. Main Street
Bel Air, MD 21014
(410) 879-2000, ext.254
FAX: (410) 879-8043
After 4:30 p.m. call: (410) 838-6012

Howard County

Howard County Economic Development Office
3427 Rogers Avenue
Ellicott City, MD 21043
(410) 313-2600
FAX: (410) 313-2662

Kent County

Kent County Economic Development and Tourism
P.O. Box 580
Chestertown, MD 21620
(410) 778-1530
FAX: (410) 778-4800

Montgomery County

Montgomery County Office of Economic Development
101 Monroe Street, Suite 1500
Rockville, MD 20850
(301) 217-2345
FAX: (301) 217-2045

Prince George's County

Prince George's County Economic Development
Corporation
9200 Basil Court, Suite 200
Landover, MD 20785
(301) 386-5600
FAX: (310) 386-5607

Queen Anne's County

Queen Anne's County Economic Development
Commission
County Office Building
208 N. Commerce St.
P.O. Box 6
Centreville, MD 21617
(410) 758-0371
FAX: (410) 758-1170

St. Mary's County

St. Mary's County Department of Economic
and Community Development
P.O. Box 653
Leonardtown, MD 20650
(301) 475-4405
FAX: (301) 475-4414

Somerset County

Somerset County Economic Development Commission
11916 North Somerset Avenue, Suite 202
Princess Anne, MD 21853
(410) 651-0500
FAX: (410) 651-1156

Talbot County

Not Available

Washington County

Hagerstown- Washington County Economic
Development Commission
100 W. Washington St, Room 103
Hagerstown, MD 21740
(310) 791-3080
FAX: (301) 791-3157

Wicomico County

Salisbury-Wicomico Economic Development, Inc.
P.O. Box 4700
Salisbury, MD 21801
(410) 749-1251
FAX: (410) 749-1252

Worcester County

Worcester County Economic Development Department
105 Pearl Street
Snow Hill, MD 21863
(410) 632-3110
FAX: (410) 632-3158

OTHER ECONOMIC DEVELOPMENT CONTACTS

Economic Development Council
Greater Baltimore Committee, Inc.
111 South Calvert St, Suite 1500
Baltimore, MD 21202
(410) 727-2820
FAX: (410) 539-5705

Maryland Communication Center
111 South Calvert St, Suite 2200
Baltimore, MD 21202
(410) 837-6068
FAX: (410) 727-0450

Maryland Economic Development Corporation
36 South Charles St, 19th Floor
Baltimore, MD 21201
(410) 625-0051
FAX: (410) 625-1848

Chesapeake County Economic Development
P.O. Box 517
Easton, MD 21601-0517
(410) 822-7039
FAX: (410) 822-7326

Business Marketing Committee
The Greater Washington Board of Trade
1129 20th St, NW
Washington, DC 20036
(202) 857-5900
FAX: (202) 223-2648

Washington/Baltimore Regional Association
111 South Calvert St, Suite 2230
Baltimore, MD 21202
(410) 685-0155
FAX: (410) 727-0450

Delmarva Power & Light Company
Route 273 & I-95
P.O. Box 9239
Newark, DE 19714-9239
(302) 454-4255
FAX: (302) 454-4034

Maryland Business Council
111 South Calvert ST, Suite 2220
Baltimore, MD 21202
(410) 727-0447
FAX: (410) 727-0450

Montgomery High Technology Council, Inc.
51 Monroe St, Suite 1701
Rockville, MD 20850
(301) 762-2417
FAX: (301) 762-2417

Baltimore Gas & Electric Company
Post Office Box 1475
Baltimore, MD 21203
(410) 265-4004
FAX: (410) 265-4140

CSX Transportation
Industrial Development Department
100 North Charles St, B-11-C
Baltimore, MD 21201
(410) 613-6263
FAX: (410) 237-2548

Potomac Edison Company
10435 Downsville Pike
Hagerstown, MD 21740
1-800-344-7816
(301) 790-6196
FAX: 1-800-782-2219

Greater Baltimore Development Alliance
Baltimore Metropolitan Council
601 N. Howard Street
Baltimore, MD 21201
(410) 333-1730
FAX: (410) 659-1260

MARYLAND CHAMBER OF COMMERCE
275 WEST STREET, SUITE 400
ANNAPOLIS, MD 21401
269-0642 (BALTO./ANNAPOLIS)
261-2858 (WASHINGTON)

The Maryland Chamber of Commerce is a corporation composed of men and women representing business, industry, and trade associations; the professions and individuals dedicated to advancing the prosperity of the State of Maryland by protecting and developing its natural resources and by promoting and encouraging trade and commerce.

Membership in the Maryland Chamber of Commerce is open to any corporation, partnership, firm or individual engaged in agriculture, business, industry or profession in Maryland who is willing to subscribe to the general purposes and policies of the Chamber.

For additional information concerning membership in the Maryland Chamber of Commerce, please call or write our office.

We also work closely with local and county chambers, as well as with the United States Chamber of Commerce. For additional information about these organizations, please call the numbers contained in this publication, or the Maryland Chamber of Commerce.

Chamber of Commerce
P.O. Box 292
Aberdeen, MD 21001
(410) 272-2580
FAX: (410) 272-2986

Allegany County
Chamber of Commerce
Bell Tower Building
City Hall Plaza
Cumberland, MD 21502
(301) 722-2820
FAX: (301) 722-5995

Greater Annapolis
Chamber of Commerce
One Annapolis Street
Annapolis, MD 21401
(410) 268-7676
FAX: (410) 268-2317

Anne Arundel Trade Council
Chamber of Commerce
1460 Ritchie Highway, #209
Arnold, MD 21012
(410) 874-4402
(FAX: (410) 974-1536

Northern Anne Arundel County
Chamber of Commerce
8 Crain Highway, #2
Glen Burnie, MD 21061
(410) 766-8282
FAX: (410) 766-8283

West Anne Arundel County
Chamber of Commerce
8373 Piney Orchard Parkway, #202
Odenton, MD 21113
(410) 672-3422
FAX: (410) 672-0620

Greater Baltimore Committee
111 S. Calvert Street, #1500
Baltimore, MD 21202
(410) 727-2820
FAX: (410) 539-5705

Baltimore City
Chamber of Commerce
1510 W. Mount Royal Avenue
Baltimore, MD 21217
(410) 462-3743
FAX: (410) 669-7760

Baltimore County
Chamber of Commerce
102 W. Pennsylvania Avenue, #402
Towson, MD 21204
(410) 825-6200
FAX: (410) 821-9901

Eastern Baltimore Area
Chamber of Commerce
2200 Broening Highway, Suite 102
Baltimore, MD 21224
(410) 631-9090

Baltimore/Washington Corridor
Chamber of Commerce
7901 Sandy Spring Road, #501
Laurel, MD 20707-3551
(301) 725-4000
FAX: (301) 725-0776

Greater Bethesda-Chevy Chase
Chamber of Commerce
7910 Woodmont Avenue, #1204
Bethesda, MD 20814
(301) 652-4900
FAX: (301) 262-0921

Calvert County
Chamber of Commerce
P.O. box 9
Prince Frederick, MD 20678
(410) 535-2577
FAX: (410) 269-5939

Caroline County
Chamber of Commerce
P.O. Box 494
Denton, MD 21629
(410) 479-2648

Carroll County
Chamber of Commerce
229 E. Main Street
P.O. Box 871
Westminster, MD 21158
(410) 876-7212 & (410) 848-9050

Cecil County
Chamber of Commerce
135 E. Main Street
Elkton, MD 21921
(410) 392-3833
FAX: (410) 392-6225

Charles County
Chamber of Commerce
516 North Highway 301
LaPlata, MD 20646
(310) 932-6500 - Local
(301) 870-3089 (Wash., DC
FAX: (301) 932-3945

Crisfield Area
Chamber of Commerce
P.O. Box 292
Crisfield, MD 21817
(410) 968-2500

Crofton
Chamber of Commerce
P.O. Box 4146
Crofton, MD 21114-4146
(410) 721-9131

Dorchester County
Chamber of Commerce
203 Sunburst Highway
Cambridge, MD 21613
(410) 228-3575
FAX: (410) 228-6848

Greater Elkton
Chamber of Commerce
101 E. Main Street
Elkton, MD 21921
(410) 398-1640

Essex-Middle River
Chamber of Commerce
439 Eastern Blvd., Room 3
Essex, MD 21222
(410) 686-2233
FAX: (410) 687-9081

Frederick County
Chamber of Commerce
43A South Market Street
Frederick, MD 21701
(301) 662-4164
FAX: (301) 846-4427

Chamber of Commerce
9 Park Avenue
Gaithersburg, MD 20877
(301) 840-1400
FAX: (301) 963-3918

Germantown
Chamber of Commerce
12850 Middlebrook Road, #106
Germantown, MD 20874
(301) 972-3701
FAX: (301) 353-9190

Hagerstown-Washington County
Chamber of Commerce
111 W. Washington Street
Hagerstown, MD 21740
(301) 739-2015
FAX: (301) 739-1278

Harford County
Chamber of Commerce
108 S. Bond Street
Bel Air, MD 21014
(410) 879-7270
FAX: (410) 893-4715

Havre de Grace
Chamber of Commerce
P.O. Box 339
Havre de Grace, MD 21078
(410) 939-3303

Howard County
Chamber of Commerce
5565 Sterrett Place, #105
Columbia, MD 21044
(410) 730-4111
FAX: (410) 730-4584

Kent County
Chamber of Commerce
P.O. Box 146
Chestertown, MD 21620
(410) 778-0416

Maryland Association of
Chamber of Commerce Executives
(MACCE)
Baltimore County Chamber of Commerce
102 W. Pennsylvania Avenue, #402
Towson, MD 21204
(410) 825-6200
FAX: (410) 821-9901

Chamber of Commerce
275 West Street, #400
Annapolis, MD 21401
(410) 269-0642 & (301) 261-2858
FAX: (410) 269-5247

Montgomery County
Chamber of Commerce
416 Hungerford Drive, #400
Rockville, MD 20850
(301) 424-6000
FAX: (301) 424-7058

Mountain Top
Chamber of Commerce
200 S. Third Street, Courthouse
Oakland, MD 21550
(301) 334-1948
FAX: (301) 387-5000

North East
Chamber of Commerce
Upper Bay Insurance Services
Suite 101, Old Mill Plaza
North East, MD 21901
(410) 287-3436

Ocean City
Chamber of Commerce
12320 Ocean Gateway
Ocean City, MD 21842
(410) 213-0144
FAX: (410) 213-7251

Ocean Pines
Chamber of Commerce
6090 Ocean Pines
11005 Manklin Meadows Lane
Building 2
Berlin, MD 21811
(410) 641-5306

Olney Chamber of Commerce
3414 Morningwood Drive, #3
Olney, MD 20832
(301) 924-3555
FAX: (301) 774-8550

Pikesville
Chamber of Commerce
7 Church Lane, #1
Pikesville, MD 21208
(410) 484-2337
FAX: (410) 653-9342

Chamber of Commerce
P.O. Box 356
Pocomoke City, MD 21851
(410) 957-1919
FAX: (410) 957-0939

Poolesville Area
Chamber of Commerce
P.O. Box 256
Poolesville, MD 20837
(301) 349-5753
FAX: (301) 428-8313

Potomac
Chamber of Commerce
10000 Falls Road, Suite 204
Potomac, MD 20854
(301) 299-2170
FAX: (301) 299-1848

Prince George's County
Chamber of Commerce
4640 Forbes Blvd., #200
Lanham, MD 20706
(301) 731-5000
FAX: (301) 731-5013

Prince George's County
Board of Trade
P.O. Box 238, 9002 Pine View Lane
Clinton, MD 20735
(301) 856-1092
FAX: (301) 868-4228

Prince Anne Area
Chamber of Commerce
P.O. Box 327
Princess Anne, MD 21853
(410) 651-2168
FAX: (410) 651-0086

Queen Anne's County
Chamber of Commerce
102 E. Main Street, #103A
Stevensville, MD 21666
(410) 643-8530

Reisterstown/Owings Mills/Glyndon
Chamber of Commerce
11502 Reisterstown Road
Owings Mills, MD 21117
(410) 356-2888
FAX: (410) 356-3363

Chamber of Commerce
600 E. Jefferson Street, #101
Rockville, MD 20852
(301) 424-9300
FAX: (301) 762-7599

St. Mary's County
Chamber of Commerce
6260 Waldorf-Leonardtown Road
Mechanicsville, MD 20659
(301) 884-5555
FAX: (301) 884-2149

Salisbury Area
Chamber of Commerce
300 E. Main Street
P.O. Box 510
Salisbury, MD 21803
(410) 749-0144
FAX: (410) 860-9925

Greater Severna Park
Chamber of Commerce
P.O. Box 93
Severna Park, MD 21146
(410) 987-6625

Silver Spring
Chamber of Commerce
8601 Georgia Avenue, #201
Silver Spring, MD 20910
(301) 585-6300
FAX: (301) 585-4604

Somerset Area
Chamber of Commerce
P.O. Box 208
Princess Anne, MD 21853

Talbot County
Chamber of Commerce
P.O. Box 1366
805 Goldsborough Street
Easton, MD 21601
(410) 822-7038
FAX: (410) 822-7922

Taneytown
Chamber of Commerce
5130 Allendale Lane
Taneytown, MD 21787
(410) 756-6671
FAX: (410) 756-4103

Tri-Towns
Chamber of Commerce
34 Railroad Street
P.O. Box 68
Pidemont, WV 26750
(304) 355-2381

Greater Washington
Board of Trade
1129 20th Street, NW, #200
Washington, DC 20036
(202) 857-5910
FAX: (202) 223-2648

Wheaton/Kensington
Chamber of Commerce
2401 Blueridge Avenue
Wheaton, MD 20902
(301) 949-0080
FAX: (301) 949-8365

U.S. Chamber of Commerce
711 Third Avenue, #1702
New York, NY 10017-4046
(212) 370-1440
FAX: (212) 867-9882

WAGE INFORMATION

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WAGE INFORMATION

Outline

MARYLAND OFFICE OF PLANNING
EMPLOYMENT AND PERSONAL INCOME

- Personal Income by Major Source and Earnings by Industry
- Full-Time and Part-Time Employment by Major Industry
- Transfer Payments
- Farm Income and Expenditures

OTHER SOURCES OF WAGE INFORMATION

MARYLAND OCCUPATIONAL INFORMATION COORDINATING COUNCIL (MOICC)

OTHER SOURCES OF WAGE DATA

ECONOMIC RESEARCH INSTITUTE

DEPARTMENT OF ECONOMIC AND EMPLOYMENT DEVELOPMENT
- Labor Market Analysis and Information

VISIONS Career Information Delivery System for Junior High/Middle Schools
VISIONS PLUS Career Information Delivery System for High Schools and Adults
Sample Description from VISIONS PLUS

MARYLAND OFFICE OF PLANNING
Planning Data Services
301 West Preston Street
Baltimore, MD 21201-2365
(410) 225-4450

EMPLOYMENT AND PERSONAL INCOME

The Office of Planning maintains four major data series produced by the U.S. Bureau of Economic Analysis:

1. Personal Income and Earnings (Report Price - $6.00)
2. Employment by Industry (Report Price - $6.00)
3. Transfer Payments (Report Price - $6.00)
4. Farm Income (Report Price - $6.00)

Products from these data series are tabulated for the State, political subdivisions, metropolitan statistical areas in the State and the United States. Annual historic data for the most recent five-year period are included.

1. **Personal Income by Major Source and Earnings by Industry**
   This tabulations shows:

   - Income by Place of Residence (including, nonfarm personal income, farm personal income, population, per capita personal income and the derivation of personal income
   - Earnings by Place of Work (including, wages and salaries, proprietor's farm and nonfarm income, farm income, nonfarm income by industry, and government and government enterprises income by type)

2. **Full-Time and Part-Time Employment by Major Industry**
   This tabulation shows:

   - Jobs that are wage and salary jobs or proprietary (broken out by farm and nonfarm) jobs
   - Total farm and total nonfarm employment broken out by private industry and government and government enterprises

3. **Transfer Payments**
   This tabulation shows government payments to:

   - Individuals (including retirement and disability insurance benefits, medical payments, income maintenance benefits, unemployment insurance benefits, veterans benefits , and federal education and training assistance payments)

- Non-profit institutions,
- And business payments to individuals

4. **Farm Income and Expenditures**

This tabulation shows:

- Income as cash receipts from marketing classified by total crops and total livestock and products, and other income classified by government payments and imputed income and rent received.

The tabulation reports production expenses in terms of:

Feed
Livestock
Seed
Fertilizer and Lime
Petroleum products purchased
Hired farm labor expenses
All other production expenses

Value of inventory change for change in livestock and crops are also shown.

OTHER SOURCES OF WAGE INFORMATION

Maryland Occupational Information Coordinating Council
Department of Economic & Employment Development
1100 North Eutaw Street, Room 205
Baltimore, MD 21201
(410) 333-5478

Economic Research Institute (ERI)
901 Dove Street, #158
Newport Beach, CA 92660
800-627-3697
714-833-9801

(Provides current wage data for a fee).

Department of Economic and Employment Development
Office of Labor Market Analysis and Information
1100 North Eutaw Street, Room 601
Baltimore, MD 21201

WAGE INFORMATION
VISIONS PLUS

MOICC - Maryland's State Occupational Information Coordinating Council is an interagency committee designed to improve coordination and communication among the developers and users of occupational information.

VISIONS is an easy to use software program which helps students to explore careers at their own pace. A computer-based career planning and information system for use in middle schools and junior high schools with the option to use interests and abilities inventories.

VISIONS PLUS is a computer-based career planning and information system designed to assist students and adults with career planning needs. It also is an excellent educational resource for use in classroom instruction. VISIONS PLUS is available for a nominal annual license fee.

In addition to providing VISIONS PLUS, MOICC also provides the following products and services.

IMPROVED CAREER DECISION MAKING
VISIONS/VISIONS PLUS
EMPLOYEE CAREER DEVELOPMENT
*NATIONAL CAREER DEVELOPMENT GUIDELINES
*CAREER DEVELOPMENT TRAINING INSTITUTE
STI - STATE TRAINING INVENTORY
FOCIS - FEDERAL OCCUPATIONAL CAREER INFORMATION SYSTEM
OIS - OCCUPATIONAL INFORMATION SYSTEM
*TELECONFERENCES
*ACE CAREER VIDEO LIBRARY
OCCUPATIONAL INFORMATION

* A nominal user fee is charged to offset the cost of production.

For further information about these products and services, contact:

Jasmin Duckett, Director
MOICC
1100 North Eutaw Street, Room 205
Baltimore, MD 21201
(410) 333-5478

SAMPLE OCCUPATIONAL DESCRIPTION
FROM VISIONS PLUS

NATIONAL WAGE DATA

According to the Economic Research Institute, a beginning NURSE (REGISTERED) MADE ABOUT $10,500 IN 1993. The average salary for everyone working in this field was $34,500 and some experienced workers made as much as $64,500.

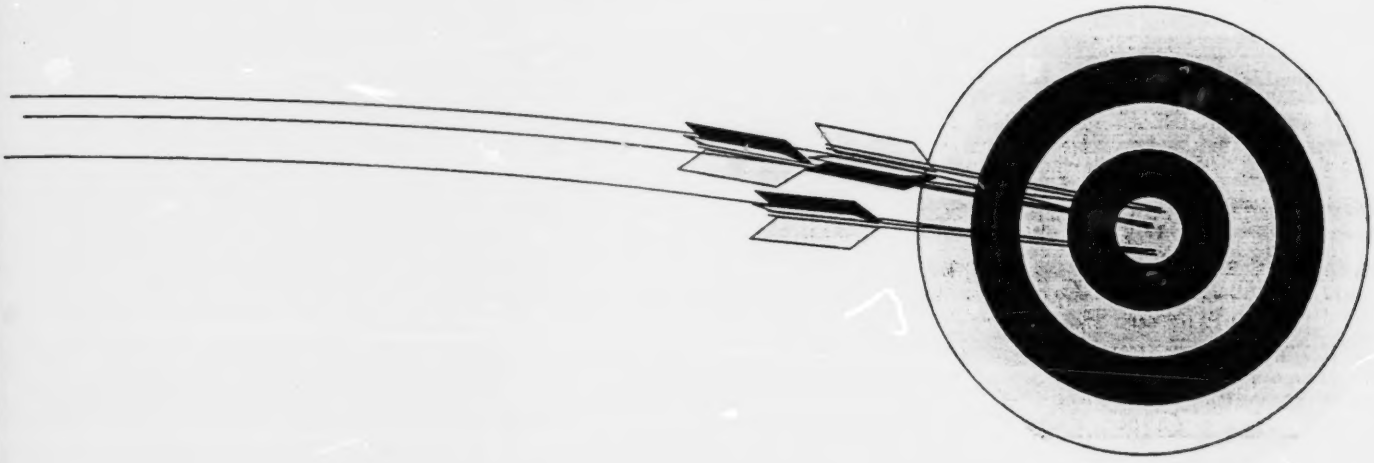
According to the College Placement Council Salary Survey, average yearly salaries offered beginning NURSES (REGISTERED) with a bachelor's degree were $33,000 in 1992-1993.

STATE WAGE DATA

According to the State Occupational Information Coordinating Committees (SOICC), beginning NURSE (REGISTERED) made about $11,100 in MARYLAND in 1993. The average salary for everyone working in this field was $37,000 and some experienced workers made as much as $69,000.

CAREER PATHS

CAREER



PATHS

CAREER PATHS

Outline

MARYLAND OCCUPATIONAL INFORMATION COORDINATING COUNCIL (MOICC)

VISIONS for Junior High/Middle Schools
VISIONS PLUS for High Schools and Adults
VISIONS PLUS Sites with Public Access
Sample Occupational Description from VISIONS PLUS

CAREER PATHS

MOICC - Maryland's State Occupational Information Coordinating Council is an interagency committee designed to improve coordination and communication among the developers and users of occupational information.

VISIONS is an easy to use software program which helps students to explore careers at their own pace. A computer-based career planning and information system for use in middle schools and junior high schools with the option to use interests and abilities inventories.

VISIONS PLUS is a computer-based career planning and information system designed to assist students and adults with career planning needs. It also is an excellent educational resource for use in classroom instruction. VISIONS PLUS is available for a nominal annual license fee.

In addition to providing VISIONS PLUS, MOICC also provides the following products and services.

IMPROVED CAREER DECISION MAKING
VISIONS/VISIONS PLUS
EMPLOYEE CAREER DEVELOPMENT
*NATIONAL CAREER DEVELOPMENT GUIDELINES
*CAREER DEVELOPMENT TRAINING INSTITUTE
STI - STATE TRAINING INVENTORY
FOCIS - FEDERAL OCCUPATIONAL CAREER INFORMATION SYSTEM
OIS - OCCUPATIONAL INFORMATION SYSTEM
*TELECONFERENCES
*ACE CAREER VIDEO LIBRARY
OCCUPATIONAL INFORMATION

* **A nominal user fee is charged to offset the cost of production.**

For further information about these products and services, contact:

Jasmin Duckett, Director
MOICC
1100 North Eutaw Street, Room 205
Baltimore, MD 21201
(410) 333-5478

VISIONS SITES
WITH PUBLIC ACCESS

Carroll County Public Schools
Multi-Service Center
125 Airport Drive, Suite 18
Gateway West
Westminster, MD 21157
(410) 876-5734

Maryland New Directions, Inc.
2220 North Charles Street
Baltimore, MD 21218
(410) 235-0355

Carroll County JTPA
125 North Court Street, Suite 201
Westminster, MD 21157
(410) 857-2693

Howard County Employment & Training Center
9250 Rumsey Road
Columbia, MD 21045
(410) 313-7262

Frederick County JTPA
Job Training Agency
520 North Market Street
Frederick, MD 21701
(301) 694-1165

Re-employment Resources Center
401 Sagner Avenue
Frederick, MD 21701

Even Start Family Literacy Program
Glenndale Early Childhood Center
6700 Glendale Road
Glenndale, MD 20769
(301) 464-4688

Inroads/Baltimore, Inc.
330 N. Charles Street, Suite 204
Baltimore, MD 21201
(410) 244-1040

Caroline County Public Library
100 Market Street
Denton, MD 21629
(301) 479-1343

Enoch Pratt Free Library
400 Cathedral Street
Baltimore, MD 21201
(410) 396-5394

Wicomico County Free Library
P.O. Box 4148
122-126 South Division Street
Salisbury, MD 21801
(410) 749-3612

Baltimore City - Northwest
Job Service Center
4025 Mortimer Avenue
Baltimore, MD 21215
(410) 358-6633

Baltimore County - Eastpoint
Job Service Center
7930 Eastern Boulevard
Baltimore, MD 21224
(410) 288-9054/9234

Harford County - Bel Air
Job Service Center
2 South Bond Street
Bel Air, MD 21014
(410) 836-4631

Baltimore City - Downtown
Job Service Center
1100 North Eutaw Street, Room 208
Baltimore, MD 21201
(410) 333-5190

Frederick County
Job Service Center
67 Thomas Johnson Drive
Frederick, MD 21702
(410) 694-2185

Prince George's County - College Park
Job Service Center
6321 Greenbelt Road
College Park, MD 20740
(301) 441-2179

Wicomico County - Salisbury
Job Service Center
P.O. Box 2337
Salisbury, MD 21802
(410) 543-6669

Montgomery County - Landover Mall
Job Service Center
South Office Building, Suite 30
2121 Brightseat Road
Landover, MD 20785
(301) 386-0708

Montgomery County - Wheaton
Job Service Center
P.O. Box 1317
Wheaton, MD 20915
(301) 949-5624

SAMPLE OCCUPATIONAL DESCRIPTION
FROM VISIONS PLUS

State Salary Range

According to the Economic Research Institute, beginning Registered Nurses made between $11,000 and $37,000 in MARYLAND in 1990. With experience, some workers made as much as $69,000.

Job Outlook Data for: MARYLAND. The graph below shows the projected % growth in all occupations compared to the % growth for Registered Nurses.

# of workers by 2005: 34,274

# of new job openings from 1991 to 2005 due to growth: 14,836

Work Tasks
(PEOPLE)

NURSES (REGISTERED) care for the sick and help people stay well. Types of nurses include:

- hospital nurses, who provide bedside nursing care to patients in collaboration with physicians
- private duty nurses, who care for those needing constant attention
- public health nurses, who care for patients in schools, clinics, and homes, and who may instruct patients and families in health care
- office nurses, who assist physicians in private practice, and may do laboratory and office work
- head nurses, who direct nursing activities, plan work schedules, and assign duties to nurses.

Work Setting

NURSES (REGISTERED) work for:

- visiting nurse associations
- hospitals, nursing homes, and clinics
- private offices and clinics of doctors and dental surgeons
- private and public schools and colleges
- government agencies and the military
- themselves in private practice in their own offices and clinics
- their own business of providing home health-care, teaching home kidney dialysis, and providing wellness and health education programs.

Special Requirements

All NURSES (REGISTERED) are required to be licensed in order to practice. Applicants must have graduated from an approved school of nursing and pass a national examination given by each state. Licenses must be renewed periodically, and, in some states, continuing education is a requirement for renewal.

Career Ladder

With experience and ability, NURSES (REGISTERED) may advance in management to assistant head nurse or head nurse. From there, advancement to assistant director, director, and vice president positions is possible. Graduate programs preparing executive level nurses usually last 1 or 2 years.

Within patient care, advancement may mean becoming a clinical nurse specialist, nurse practitioner, nurse clinician, nurse midwife, or nurse anesthetist. For these, 1 or 2 years of graduate education leading to a certificate or master's degree is required.

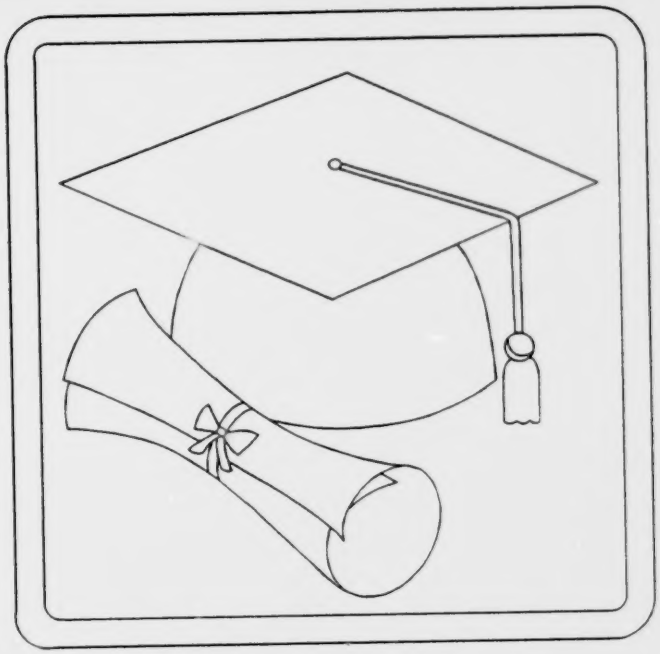
More Information

Use these reference numbers to find information in books about a NURSE (REGISTERED):

Dictionary of Occupational Title #: 075.364-010
Standard Occupational Classification #: 2900
Guide to Occupational Exploration #: 10.02.01

WORLD-OF-WORK MAP
Cluster: Social Service
Region: 12
Family: General Health Care

EDUCATIONAL PATHS



EDUCATIONAL PATHWAYS

EDUCATIONAL PATHS

Outline

MARYLAND OCCUPATIONAL INFORMATION COORDINATING COUNCIL (MOICC)

VISIONS for Middle/Junior High Schools
VISIONS Plus FOR High Schools and Adults

MARYLAND HIGHER EDUCATION COMMISSION

- Directory of Two- and Four-Year Colleges In Maryland
- Selecting a Private Career School
- State Outcome Achievement Report
- Program Data Management
- Graduate Follow-Up Surveys
- Survey of Employers
- Enrollment by Place of Residence in Maryland Institutions of Higher Education

MARYLAND APPRENTICESHIP AND TRAINING PROGRAM

JOB TRAINING PARTNERSHIP PROGRAMS

DIRECTORY OF SERVICE DELIVERY AREAS

DIRECTORY OF SUPERVISORS OF GUIDANCE - LOCAL EDUCATION AGENCIES

MARYLAND STATE DEPARTMENT OF EDUCATION
- Maryland's Tomorrow Program

FEDERAL GOVERNMENT PUBLICATIONS
- Labor Market Resources for Counselors

EDUCATIONAL PATHS

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VISIONS Plus is a computer-based career planning and information system designed to assist students and adults with career planning needs. It also is an excellent educational resource for use in classroom instruction. VISIONS is available for a nominal annual license fee.

In addition to providing VISIONS PLUS, MOICC also provides the following products and services.

IMPROVED CAREER DECISION MAKING
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EMPLOYEE CAREER DEVELOPMENT
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OIS OCCUPATIONAL INFORMATION SYSTEM
*TELECONFERENCES
*ACE CAREER VIDEO LIBRARY
OCCUPATIONAL INFORMATION

* **A nominal user fee is charged to offset the cost of production.**

For further information about these products and services, contact:

Jasmin Duckett, Director
MOICC
1100 North Eutaw Street, Room 205
Baltimore, MD 21201
(410) 333-5478
(410) 333-5390 (FAX)

MARYLAND HIGHER EDUCATION COMMISSION
16 FRANCIS STREET
ANNAPOLIS, MD 21401-1781
(410) 974-2971

DIRECTORY OF TWO- AND FOUR-YEAR COLLEGES IN MARYLAND (Book and Pamphlet)

These directories list all of the private and public two- and four-year colleges in Maryland.

SELECTING A PRIVATE CAREER SCHOOL

This guide suggests some basic questions students should ask before signing up at a private career school, and tells students about their rights as students under Maryland law.

STATE OUTCOME ACHIEVEMENT REPORT (SOAR)

This document is a report of high school graduates who entered institutions of higher learning as freshmen. This is an ongoing effort. Information provided by the institutions includes general demographics, attendance, and cumulative grade point average (GPA). SOAR provides a set of data relating high school characteristics to college performance and persistence. This data is only Maryland high school graduates who go to Maryland Public institutions.

SOAR provides information that can assist better communication between secondary and postsecondary education. In the next few years, SOAR will be beneficial to the public colleges and universities, providing each campus an assessment of how students are performing over time.

Within each region is summary information on the percentage of high school graduates attending Maryland public institutions, the types of institutions attended, admissions exemptions, retention, students enrolled in remedial courses, pass rate for first math and English courses, and cumulative GPA. The regions of Maryland are based on the definition established by the Governor's Regional Task Force, with the exception of Baltimore City. SOAR for Baltimore City is reported separately.

For each institution, summary information on admissions exceptions, remediation, retention, average first math and English grades and cumulative GPA is presented.

PROGRAM DATA MANAGEMENT

Provides a summary of each community college program including detailed information on enrollment, degrees, employment, transfer and discipline costs.

GRADUATE FOLLOW-UP SURVEYS

Community college degree recipients are surveyed annually regarding their activities after completion of their programs.

SURVEY OF EMPLOYERS

Information surveys employers in the State to learn their perceptions of the skills and job performance of bachelor's degree recipients from public four-year campuses. Academic specialties and job-related attributes for which employers have the greatest demand are identified.

ENROLLMENT BY PLACE OF RESIDENCE IN MARYLAND INSTITUTIONS OF HIGHER EDUCATION

Provides enrollment data by place of residence for students enrolled in all public two- and four-year institutions of higher education and those independent institutions providing data to the Commission.

Maryland Apprenticeship and Training Program
Department of Economic and Employment Development
217 E. Redwood Street, 11th Floor
Baltimore, Maryland 21202
(410) 333-8754

Apprenticeship in Maryland is a system to prepare individuals for careers in more than 100 skilled crafts and trades throughout the state. The apprentice -- a worker/trainee -- learns the "how to " while earning wages on a full-time job and the "why" in related classroom instruction.

Apprenticeship programs are established and operated by sponsors, which may be a single employer, an association of employers, or a joint apprenticeship committee consisting of employees and union representatives.

Apprenticeship programs are developed to ensure sponsors that their industries will continue to have the highly skilled workforce required to perform specific trades and crafts. Apprenticeship positions become available based on economic conditions, a changing workforce, and/or new technologies.

Apprenticeship programs registered by the State of Maryland must meet the guidelines and standards set by the:

* Maryland Apprenticeship and Training Council in accordance with the Maryland Apprenticeship Act of 1962

* United States Department of Labor's Bureau of Apprenticeship and Training

* Participating industries

Positions similar to those offered through registered apprenticeship programs may be available with employers who are not a part of Maryland's apprenticeship system. A registered apprenticeship program, however, establishes a relationship between the employer, apprentice, government, and a community college where specific guidelines of conduct are laid out in advance. They cover agreements regarding the duration of training; the quality of training; and other considerations, including wages.

Upon completion of a registered apprenticeship program, the apprentice earns a Certificate of Completion and continues on the job with the status of journeyperson -- an individual recognized throughout the world as being fully skilled in a trade or occupation.

Technical assistance in establishing and operating registered apprenticeship programs is provided to sponsors by staff of the Maryland Apprenticeship and Training Program, a unit of the Maryland Department of Economic and Employment Development's Office of Employment Training. The office works with the Maryland State Department of Education, Maryland's community college system, and labor and employer communities statewide to support related instruction and on-the-job training for apprentices.

APPRENTICESHIP: "MARYLAND IS TRAINING FOR TOMORROW" MANUAL

This manual was developed by the Maryland Department of Economic and Employment Development (DEED) to provide information about the apprenticeship system in Maryland.

The manual is organized in sections to assist: career counselors, students, job seekers, employers, apprenticeship sponsors and others seeking general information on apprenticeship. Readers may review the section designated specifically for them or may review the entire manual to get a full picture of Maryland's apprenticeship system.

Apprenticeship occupations and training programs are uniquely varied. The manual provides basic information to help you understand apprenticeship and the process for getting involved. Hopefully, your questions will be answered. A number of resource contacts have been listed for further inquiry.

VIDEOS

Two videos have been developed for students and job seekers who want an overview of apprenticeship and how to get involved. Hands on Your Future offers information on the wide range of apprenticeship occupations in Maryland. Building the Future Your Way features the building and construction trades.

Organizations need to send a written request to borrow the videos. Individuals may ask to review a copy of the videos at career counseling offices at local high schools, community colleges, and job training agencies.

BROCHURES

A brochure, "Apprenticeship -- Maryland is Training for Tomorrow" (accompanies the manual) is directed to students and job seekers who want an introduction to apprenticeship and the process for getting involved.

Additional copies may be available through career counseling offices at local high schools, community colleges, and job training agencies.

OTHER MATERIALS

Apprenticeship information and promotional items may be available at no cost, or through loan or purchase. Contact the Maryland Apprenticeship and Training Program.

JOB TRAINING PARTNERSHIP PROGRAMS
1100 NORTH EUTAW STREET, ROOM 310
BALTIMORE, MD 21201
(410) 333-7200

The mission of the Federal Job Training Partnership Act (JTPA) is to establish employment programs to train and prepare economically disadvantaged adults and youth for entry in the labor force, and to address the retraining needs of those individuals who are unemployed as a result of worker dislocation.

JTPA programs in Maryland are intended to develop a well trained workforce which meets the needs of our changing economy. Programs are also intended to assist the citizens of Maryland to obtain gainful employment and thereby reduce dependency on public assistance and unemployment insurance.

The JTPA program is viewed as a training program. Job training programs are an investment in human capital resulting in fewer dollars expended on public assistance programs, reduced unemployment insurance costs, and increased tax revenue to the State.

Programs funded by this federal act provide a vast array of services to Marylanders, including assessment, remedial education, occupational skills training and retraining, resume preparation and job search assistance. The chief elected official in each Service Delivery Area (SDA) selects the agency or unit of local government to administer the federal job training program, and appoints a Private Industry Council (PIC) comprised of a majority of private sector business leaders to provide policy guidance and oversight in the management of these programs.

JTPA major efforts are in preparing the future skilled workforce. Because of concerns over the mis-match of skilled labor and available jobs, a major focus of the JTPA has become addressing Workforce 2000 issues. Workforce 2000 includes issues such as the demand for higher skill levels in service industries, a workforce that is older, more female, and more disadvantages, and the shrinking pool of young workers entering the labor market. In order to address these issues, the program as significantly increased its coordination with other agencies and programs.

JOB OPPORTUNITIES AND BASIC SKILLS TRAINING PROGRAM

Each state is required to establish a Job Opportunities and Basic Skills (JOBS) program that provides a variety of employment, training, and support services to help eligible Aide to Families with Dependent Children (AFDC) recipients gain employment. In Maryland JOBS began operating on July 1, 1989.

With some exceptions, all welfare recipients with children over the age of three may be required to participate. The target population are families where the parent is under 24 and has not completed high school or had little or no work in the preceding year, families in which the youngest child is within two years of being ineligible and families who have received assistance for more than thirty-six months during the preceding sixty months. Of this group, the state is required to serve at least 7% yearly. The law also required that one parent in at least 40% of all two parent families that receive AFDC participate at least 16 hours per week in a work activity.

For each enrollee, an employee development plan is required. Specific services include educational activities, job training, job readiness activities, job development and placement. Each state must also provide two of the following four services: job search activities, on-the-job training, work supplementation, and community work experience.

ACCESS: Entry in this program is through the local Department of Social Services.

For More Information:

Frederick Schroeder, Manager
Project Independence
DEED/Office of Employment Training
1100 North Eutaw Street, Room 314
Baltimore, MD 21201
(410) 333-7200

MARYLAND SERVICE DELIVERY AREAS

ANNE ARUNDEL COUNTY

315-9680

Business & Workforce Development
Center of Anne Arundel County, Inc.
877 Baltimore & Annapolis Blvd.
3rd Floor
Severna Park, Maryland 21146

BALTIMORE COUNTY

887-4357

Baltimore County
Private Industry Council
One Investment Place, Suite 409
Towson, Maryland 21204

BALTIMORE CITY

396-1910

Office of Employment Development
417 East Fayette Street, Suite 468
Baltimore, Maryland 21202

FREDERICK COUNTY

694-1165

Frederick County Job Training
Agency
520 North Market Street
Frederick, Maryland 21701

LOWER SHORE
(Somerset, Wicomico and
Worcester Counties)

632-3300

Lower Shore Private
Industry Council
Box 99
428 West Market Street
Snow Hill, Maryland 21863

MID-MARYLAND
(Carroll and Howard
Counties)

313-7262

Howard County Employment and
Training Center
9250 Rumsey Road
Columbia, Maryland 21045

MONTGOMERY COUNTY

495-0441

Montgomery County
Private Industry Council
8500 Colesville Road
Silver Spring, Maryland 20910

PRINCE GEORGE'S COUNTY

386-5522

Prince George's Private Industry Council
1802 Brightseat Road
Landover, Maryland 20785

SOUTHERN MARYLAND
(Calvert, Charles and St. Mary's Counties)

870-3008

Southern Maryland Private Industry Council
Charles County Community College
Box 910, Mitchell Road
LaPlata, Maryland 20646

SUSQUEHANNA REGION
(Cecil and Harford Counties)

939-4240

Susquehanna Region Private Industry Council
410 Girard Street
Havre de Grace, Maryland 20646

UPPER SHORE
(Caroline, Dorchester, Kent, Queen Anne's and Talbot Counties

822-1716

Upper Shore Private Industry Council
Chesapeake College
P.O. Box 8
Wye Mills, Maryland 21679

WESTERN MARYLAND
(Washington, Allegany and Garrett Counties)

791-3076

Western Maryland Consortium
"The Training Place"
P.O. Box 980
33 W. Washington Street
Hagerstown, Maryland 21741-0980

LOCAL EDUCATION AGENCIES

Educational pathways - course sequences - have been developed for a variety of programs at the secondary and postsecondary levels by the 16 Tech Prep Consortia in Maryland. For more information on Tech Prep course sequences, contact the local Tech Prep Coordinator at the addresses below.

Guidance personnel in each local school system have experience in career development when they assist students in formulating individualized career and educational pathway plans.

For assistance with course sequence information, please contact the Guidance Supervisor's offices listed below.

SUPERVISORS OF GUIDANCE

Supervisor of Pupil Personnel
and Guidance
Allegany County Board of Education
108 Washington Street
Cumberland, MD 21502
759-2002

Coordinator of Guidance
Anne Arundel County Board of Education
2644 Riva Road
Annapolis, MD 21401
224-5280, 5282

Office of Guidance Services
Baltimore City Public Schools
200 E. North Avenue, Room 204C
Baltimore, MD 21202
396-8907

Coordinator of Guidance
Baltimore County Board of Education
825 Providence Road
Towson, MD 21204
887-4194

Director of Pupil Services and
Special Education
Calvert County Public Schools
Dares Beach Road
Prince Frederick, MD 20678
535-1700

Supervisor of Pupil Personnel
Caroline County Board of Education
Law Building, Market Street
Denton, MD 21629
479-3253

Supervisor of Guidance
Carroll County Public Schools
55 N. Court Street
Westminster, MD 21157
876-2208 ext. 3133 (Baltimore)

Supervisor of Guidance
Cecil County Board of Education
Booth Street Center
Elkton, MD 21921
996-5120

Supervisor of Guidance
Charles County Board of Education
P.O. Box D
La Plata, MD 20646
932-6610 ext. 470
870-3814 ext. 470

Supervisor of Guidance
Dorchester County Board of Education
P.O. Box 619
Cambridge, MD 21613
228-4747 ext. 253

Supervisor of Counseling & Support Svcs.
Frederick County Board of Education
7516 Hayward Road
Frederick, MD 21702
694-1352

Director of Pupil Services
Garrett County Board of Education
P.O. Box 59
Oakland, MD 21550
334-8938

Supervisor of Guidance
Harford County Public Schools
45 East Gordon Street
Bel Air, MD 21014
838-7300 ext. 251

Director of Pupil Services
Howard County Public Schools
19091 Route 108
Ellicott City, MD 21043
313-6662

Administrative Assistant
Kent County Public Schools
Washington Avenue
Chestertown, MD 21620
778-7128

Supervisor of Guidance
Montgomery County Board of Education
850 Hungerford Drive
Rockville, MD 20850
279-3584

Supervisor of Guidance
Prince George's County Public Schools
14201 School Lane
Upper Malboro, MD 20772
952-6377

Supervisor of Student Support Services
Queen Anne's County Board of Education
Box 80 and 110
Centreville, MD 21617
758-2403 ext. 131

Supervisor of Instruction
Guidance/Health Services
St. Mary's County Public Schools
General Delivery
Loveville, MD 20656
475-5636

Supervisor of Guidance
Somerset County Board of Education
Prince William Street
Princess Anne, MD 21853
651-1485

Coordinator of Pupil Services
Talbot County Board of Education
P.O. Box 1029
Washington Street
Easton, MD 21601
822-0330 ext. 41

Supervisor of Guidance
Washington County Board of Education
P.O. Box 730
Hagerstown, MD 21741-0730
791-4170

Supervisor of Guidance and Testing
Wicomico County Board of Education
P.O. Box 1538
Salisbury, MD 21801-1538
543-4227

Supervisor of Guidance & Career & Technology Education
Worcester County Board of Education
6270 Worcester Highway
Newark, MD 21841
632-2582

Maryland's Tomorrow
Maryland State Department of Education
200 West Baltimore Street
Baltimore MD 21201
(410) 333-2438

Maryland's Tomorrow is a dropout prevention program that provides multi-year, comprehensive, year-round instruction and support to help underachieving youth meet academic expectations, attain a high school diploma, and enter employment or further schooling.

Students are identified for Maryland's Tomorrow in the eighth grade on the basis of low academic achievement, histories of retention in grade, and other characteristics associated with being at-risk of dropping out of school. Although local programs vary in design and intensity, each jurisdiction has a year-round approach and specific components for students: skills development, personal development, and transition services.

APPENDIX

LABOR MARKET RESOURCES FOR COUNSELORS
BIBLIOGRAPHY AND PURCHASE GUIDE

Federal Government Publications

Dictionary of Occupational Titles, 4th Ed. 1977. ($23.00)

Dictionary of Occupational Titles, 4th Ed. Supplement. 1986 ($5.50)

Occupational Outlook Handbook. May, 1988. ($8.50)

U.S. Government Bookstore, 450 Golden Gate Ave. Rm 1023, San Francisco, CA 94102, (415) 556-0643 or 505 S. Flower St., C-Level, Los Angeles, CA 90071, (231) 688-5841.

Guide for Occupational Exploration. American Guidance Service, Publishers' Building, Circle Pines, MN 55014, (800) 328-2560. ($24.95 + Tax + shipping).

Occupational Outlook Quarterly. U.S. Department of Labor, Bureau of Labor Statistics, Publications Sales Center, P.O. Box 2145, Chicago, IL 60690. ($11/year)

Military Career Guidance. U.S. Military Entrance Processing Command, 2500 Green Bay Rd., North Chicago, IL 60664, (800) 323-0513. (Free)

Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402 and from BLS Publications Sales Center, P.O. Box 2145, Chicago, IL 60690. Subscription price $6.50 domestic, $13 for 2 years, $8.15 foreign, Single copy $2.50 domestic, $3.13 foreign. All questions and correspondence concerning subscriptions, including requests for missing issues should be sent to the Superintendent of Documents. Phone (202) 512-2311.